

**PRODUCT INFORMATION**

|                                         |                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Target</b>                           | LIV-1                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Synonyms</b>                         | LIV1; ZIP6; SLC39A6                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Description</b>                      | Recombinant Cynomolgus LIV-1 protein with C-terminal human Fc tag                                                                                                                                                                                                                                                                                                                                               |
| <b>Delivery</b>                         | In Stock                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Uniprot ID</b>                       | A0A2K5WH46                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Expression Host</b>                  | HEK293                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Tag</b>                              | C-Human Fc tag                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Molecular Characterization</b>       | LIV-1(Leu21-Gln308) hFc(Glu99-Ala330)                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Molecular Weight</b>                 | The protein has a predicted molecular mass of 58.6 kDa after removal of the signal peptide.                                                                                                                                                                                                                                                                                                                     |
| <b>Purity</b>                           | The purity of the protein is greater than 90% as determined by SDS-PAGE and Coomassie blue staining.                                                                                                                                                                                                                                                                                                            |
| <b>Formulation &amp; Reconstitution</b> | Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.                                                                                                                                                                                                                 |
| <b>Storage &amp; Shipping</b>           | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.                                                                                                                                                             |
| <b>Background</b>                       | Zinc is an essential cofactor for hundreds of enzymes. It is involved in protein, nucleic acid, carbohydrate, and lipid metabolism, as well as in the control of gene transcription, growth, development, and differentiation. SLC39A6 belongs to a subfamily of proteins that show structural characteristics of zinc transporters (Taylor and Nicholson, 2003 [PubMed 12659941]).[supplied by OMIM, Mar 2008] |
| <b>Usage</b>                            | Research use only                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Conjugate</b>                        | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                    |



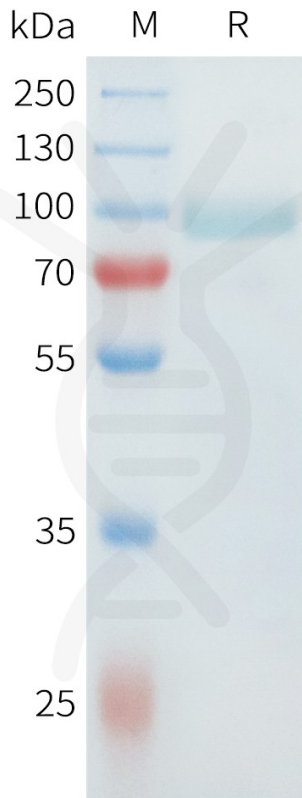


Figure 1. Cynomolgus LIV-1 Protein, hFc Tag on SDS-PAGE under reducing condition.

DIMABIO CONFIDENTIAL

