

**PRODUCT INFORMATION**

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|---|--|
| <b>Target</b>                           | DLL3   |
| <b>Synonyms</b>                         | SCDO1  |
| <b>Description</b>                      | Recombinant human DLL3 protein with C-terminal human Fc tag  |
| <b>Delivery</b>                         | In Stock   |
| <b>Uniprot ID</b>                       | Q9NYJ7   |
| <b>Expression Host</b>                  | HEK293   |
| <b>Tag</b>                              | C-Human Fc Tag   |
| <b>Molecular Characterization</b>       | DLL3(Ala27-Arg490) hFc(Glu99-Ala330)   |
| <b>Molecular Weight</b>                 | The protein has a predicted molecular mass of 74.4 kDa after removal of the signal peptide. The apparent molecular mass of DLL3-hFc is approximately 100-130 kDa due to glycosylation.   |
| <b>Purity</b>                           | The purity of the protein is greater than 80% 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>                       | This gene encodes a member of the delta protein ligand family. This family functions as Notch ligands that are characterized by a DSL domain, EGF repeats, and a transmembrane domain. Mutations in this gene cause autosomal recessive spondylocostal dysostosis 1. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008] |
| <b>Usage</b>                            | Research use only  |
| <b>Conjugate</b>                        | Unconjugated   |



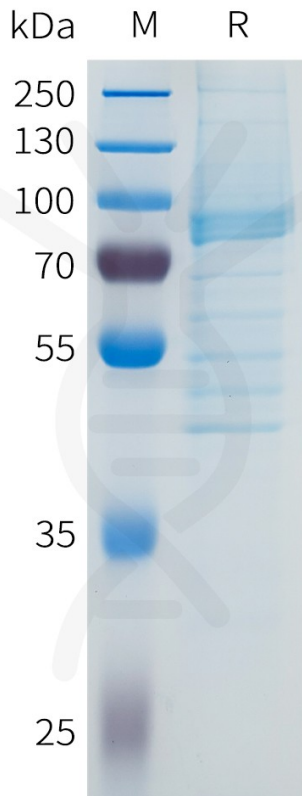


Figure 1. Human DLL3 Protein, hFc Tag on SDS-PAGE under reducing condition.

### Human DLL3, hFc Tagged protein ELISA

0.2  $\mu\text{g}$  of Human DLL3, hFc tagged protein per well

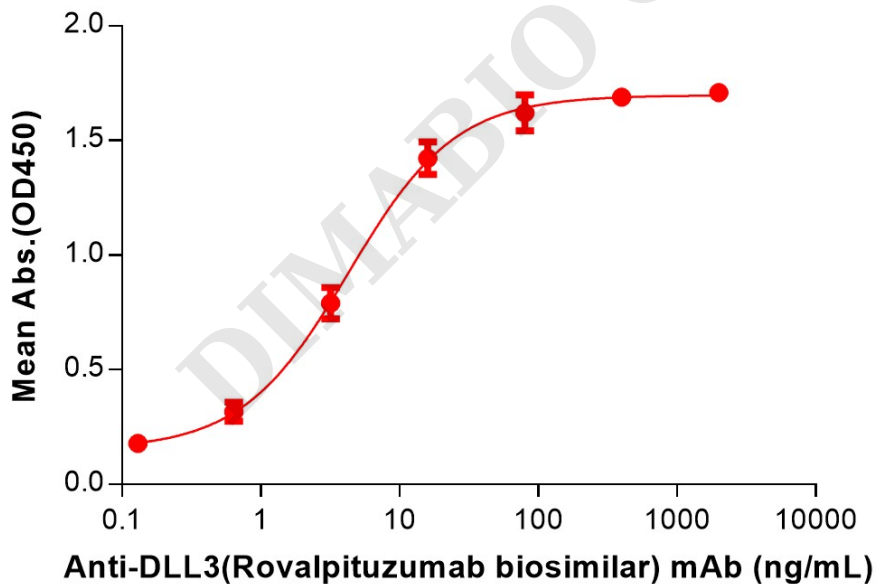


Figure 2. ELISA plate pre-coated by 2  $\mu\text{g}/\text{mL}$  (100  $\mu\text{L}/\text{well}$ ) Human DLL3 Protein, hFc Tag (PME100607) can bind Anti-DLL3(Rovalpituzumab biosimilar) mAb (BME100068) in a linear range of 0.64–80 ng/mL.

