

**PRODUCT INFORMATION**

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| <b>Target</b>                           | FCN1   |
| <b>Synonyms</b>                         | FCNM   |
| <b>Description</b>                      | Recombinant human FCN1 Protein with C-terminal 6×His tag   |
| <b>Delivery</b>                         | In Stock   |
| <b>Uniprot ID</b>                       | O00602   |
| <b>Expression Host</b>                  | HEK293   |
| <b>Tag</b>                              | C-6×His tag  |
| <b>Molecular Characterization</b>       | FCN1(Ala30-Ala326) 6×His tag   |
| <b>Molecular Weight</b>                 | The protein has a predicted molecular mass of 32.8 kDa after removal of the signal peptide. The apparent molecular mass of FCN1-His is approximately 25-35 kDa due to glycosylation.   |
| <b>Purity</b>                           | The purity of the protein is greater than 85% 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.   |
| <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>                       | The ficolin family of proteins are characterized by the presence of a leader peptide, a short N-terminal segment, followed by a collagen-like region, and a C-terminal fibrinogen-like domain. The collagen-like and the fibrinogen-like domains are also found separately in other proteins such as complement protein C1q, C-type lectins known as collectins, and tenascins. However, all these proteins recognize different targets, and are functionally distinct. Ficolin 1 encoded by FCN1 is predominantly expressed in the peripheral blood leukocytes, and has been postulated to function as a plasma protein with elastin-binding activity. [provided by RefSeq, Jul 2008] |
| <b>Usage</b>                            | Research use only  |
| <b>Conjugate</b>                        | Unconjugated   |



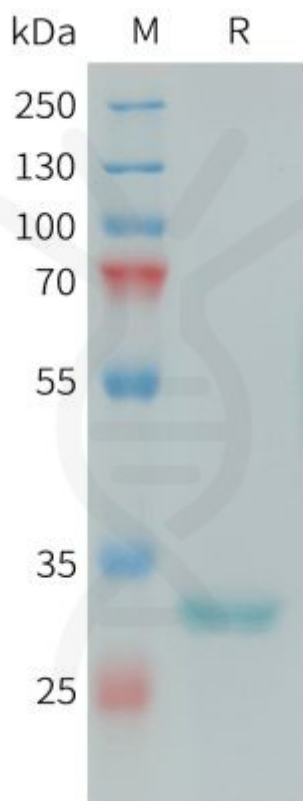


Figure 1. Human FCN1 Protein, His Tag on SDS-PAGE under reducing condition.

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