Human STAB1 Protein, hFc Tag Cat. No. PME100718



## **PRODUCT INFORMATION**

| Target                          | STAB1   |
|---------------------------------|---|
| Synonyms                        | Stabilin-1;FEEL-1;MS-1 antigen  |
| Description                     | Recombinant human STAB1 protein with C-<br>terminal human Fc tag  |
| Delivery                        | In Stock  |
| Uniprot ID                      | Q9NY15  |
| Expression Host                 | HEK293  |
| Tag                             | C-Human Fc Tag  |
| Molecular<br>Characterization   | STAB1(Asp638-Leu1024) hFc(Glu99-Ala330)   |
| Molecular Weight                | The protein has a predicted molecular mass of<br>66.7 kDa after removal of the signal peptide. The<br>apparent molecular mass of STAB1-hFc is<br>approximately 70-100 kDa due to glycosylation.   |
| Purity                          | The purity of the protein is greater than 95% as<br>determined by SDS-PAGE and Coomassie blue<br>staining.  |
| Formulation &<br>Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5 %<br>– 8% trehalose is added as protectants before<br>lyophilization. Please see Certificate of Analysis<br>for specific instructions of reconstitution.   |
| Storage & Shipping              | Store at -20°C to -80°C for 12 months in<br>lyophilized form. After reconstitution, if not<br>intended for use within a month, aliquot and store<br>at -80°C (Avoid repeated freezing and thawing).<br>Lyophilized proteins are shipped at ambient<br>temperature.  |
| Background                      | This gene encodes a large, transmembrane<br>receptor protein which may function in<br>angiogenesis, lymphocyte homing, cell adhesion,<br>or receptor scavenging. The protein contains 7<br>fasciclin, 16 epidermal growth factor (EGF)-like,<br>and 2 laminin-type EGF-like domains as well as a<br>C-type lectin-like hyaluronan-binding Link module.<br>The protein is primarily expressed on sinusoidal<br>endothelial cells of liver, spleen, and lymph node.<br>The receptor has been shown to endocytose<br>ligands such as low density lipoprotein, Gram-<br>positive and Gram-negative bacteria, and<br>advanced glycosylation end products. Supporting<br>its possible role as a scavenger receptor, the<br>protein rapidly cycles between the plasma<br>membrane and early endosomes. [provided by<br>RefSeq, Jul 2008] |
| Usage                           | Research use only   |
| Conjugate                       | Unconjugated  |

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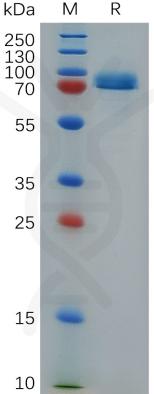


Figure 1. Human STAB1 Protein, hFc Tag on SDS-PAGE under reducing condition.

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