

PRODUCT INFORMATION

STAB1 **Target**

Synonyms Stabilin-1;FEEL-1;MS-1 antigen

Recombinant human STAB1 protein with C-**Description**

terminal 6×His tag

Delivery In Stock **Uniprot ID Q9NY15 Expression Host HEK293** Tag C-6×His Tag

Molecular

Background

STAB1(Asp638-Leu1024) 6×His tag Characterization

The protein has a predicted molecular mass of

41.4 kDa after removal of the signal peptide. The apparent molecular mass of STAB1-His is **Molecular Weight**

approximately 55-70 kDa due to glycosylation. The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. 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 Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

This gene encodes a large, transmembrane receptor protein which may function in

angiogenesis, lymphocyte homing, cell adhesion, or receptor scavenging. The protein contains 7 fasciclin, 16 epidermal growth factor (EGF)-like, and 2 laminin-type EGF-like domains as well as a C-type lectin-like hyaluronan-binding Link module. The protein is primarily expressed on sinusoidal endothelial cells of liver, spleen, and lymph node. The receptor has been shown to endocytose

ligands such as low density lipoprotein, Gram-positive and Gram-negative bacteria, and advanced glycosylation end products. Supporting its possible role as a scavenger receptor, the

protein rapidly cycles between the plasma membrane and early endosomes. [provided by RefSeq, Jul 2008]

Usage Research use only Conjugate Unconjugated



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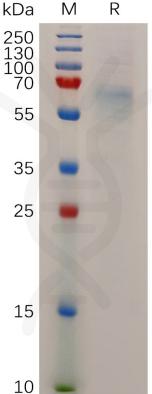


Figure 1. Human STAB1 Protein, His Tag on SDS-PAGE under reducing condition.

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