

STAB1 recombinant protein

Mouse STAB1 Protein, hFc Tag

CATALOG #
AAA47565

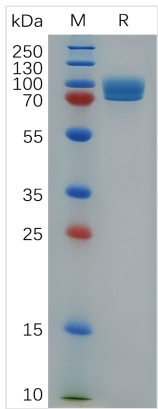
HOST
HEK293

PRODUCT SYNONYMS

STAB1; Mouse STAB1 Protein; hFc Tag; Stabilin-1; FEEL-1; STAB1 recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293
Purity/Purification	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Form/Format	Lyophilized from sterile PBS, pH7.4. Normally 5%-8% trehalose is added as protectants before lyophilization. Please see "RECONSTITUTION" section for specific instructions.
Concentration	2.001 mg/mL (varies by lot)
Reconstitution	1.- Before opening the tube cap, centrifuge the sample tube at 5000g for 3-5 min at room temperature to ensure the lyophilized sample to settle down at the bottom of the tube. 2.- Dissolved lyophilized protein sample in sterile water based on the recommended volume, 24.99 uL. 3.- After adding the sterile water, cover the lid and mix them by gently tapping the tube for 5-10 times. Do not vortex or vigorously pipette sample. 1.- Before opening the tube cap, centrifuge the sample tube at 5000g for 3-5 min at room temperature to ensure the lyophilized sample to settle down at the bottom of the tube. 2.- Dissolved lyophilized protein sample in sterile water based on the recommended volume, 24.99 uL. 3.- After adding the sterile water, cover the lid and mix them by gently tapping the tube for 5-10 times. Do not vortex or vigorously pipette sample. Reconstitution
Quantity	Test: Bradford method Specification: >- specified quantity Result: Pass
Other Properties	Test: pH Specification: Test: 7.4+-0.5 Result: Pass
Molecular Note	The protein has a predicted molecular mas of 66.8 kDa after removal of the signal peptide. The apparent molecular mass of mSTAB1-hFc. is approximately 70-100 kDa due to glycosylation.
Molecular Characterization	Mouse STAB1 (Leu638-Ala1024)). hFc (Glu99-Ala330).
Conjugate	Unconjugated.
Preparation and Storage	Store at -20 degree to -80 degree for 12 months in lyophilized form. After reconstitution, if not intended for use iwthin a month, aliquot and store at -80 degree (Avoid repeated freezing and thawing). For long term storage, glycerol can be added to a final concentration of 50% and stored at -20 degree.



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

ADDITIONAL INFORMATION

Related Product Information for STAB1 recombinant protein	Recombinant mouse STAB1 protein with C-terminal human Fc tag 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]
Product Categories/Family for STAB1 recombinant protein	Bioactive Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	61247906
NCBI GeneID	192187
UniProt Accession #	Q8R4Y4; Q8K0K6; Q8VC09
NCBI Official Full Name	Stabilin-1
NCBI Official Synonym Full Names	stabilin 1
NCBI Official Symbol	Stab1
NCBI Official Synonym Symbols	MS-1; FEEL-1; FELE-1; STAB-1; MFEEL-1; mKIAA0246
NCBI Protein Information	stabilin-1
UniProt Protein Name	Stabilin-1
UniProt Gene Name	Stab1
UniProt Synonym Gene Names	Feel1; FEEL-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.