Datasheet for ABIN7490783

Stabilin 1 Protein (STAB1) (AA 638-1024) (His tag)

1 Image

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Overview

Quantity:	100 µg
Target:	Stabilin 1 (STAB1)
Protein Characteristics:	AA 638-1024
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Stabilin 1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant human STAB1 protein with C-terminal 6xHis tag
Specificity:	STAB1 (Asp638-Leu1024) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	Stabilin 1 (STAB1)
Alternative Name:	STAB1 (STAB1 Products)
Background:	This gene encodes a large, transmembrane receptor protein which may function in

Target Details

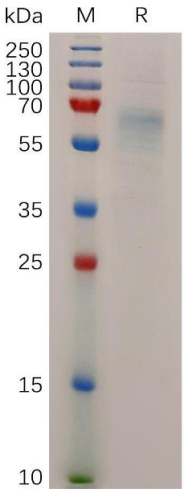
	angiogenesis, lymphocyte homing, cell adhesion, or receptor scavenging. The protein contains 7 fasciclin, 16 epidermal growth factor (EGF)-like, and 2 laminin-type EGF-like domains as well as a C-type lectin-like hyaluronan-binding Link module. The protein is primarily expressed on sinusoidal endothelial 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]
Molecular Weight:	predicted molecular mass of 41.4 kDa after removal of the signal peptide. The apparent molecular mass of STAB1-His is 55-70 kDa due to glycosylation.
UniProt:	Q9NY15

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	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.
Expiry Date:	12 months



SDS-PAGE

Image 1. Human S Protein, His Tag on SDS-PAGE under reducing condition.