

Recombinant Mouse Stab1 Protein, His-tagged

Cat. No. Stab1-2105M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Stab1 Protein (Asn347-Pro652) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Asn347-Pro652
Description	Predicted to enable low-density lipoprotein particle binding activity; low-density lipoprotein particle receptor activity; and scavenger receptor activity. Predicted to be involved in cell-cell signaling; defense response to bacterium; and negative regulation of angiogenesis. Predicted to act upstream of or within inflammatory response. Predicted to be located in cytoplasm. Predicted to be integral component of plasma membrane. Is expressed in several structures, including cardiovascular system; extraembryonic component; genitourinary system; lung epithelium; and retina nuclear layer. Orthologous to human STAB1 (stabilin 1).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 37.3 kDa Accurate Molecular Mass: 37 kDa
Purity	> 90%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Stab1 stabilin 1 [Mus musculus (house mouse)]
Official Symbol	Stab1
Synonyms	STAB1; stabilin 1; stabilin-1; scavenger receptor FEEL-1; fasciclin, EGF-like, laminin-type EGF-like and link domain-containing scavenger receptor 1; MS-1; FEEL-1; FELE-1; STAB-1; MFEEL-1; mKIAA0246; KIAA0246;
Gene ID	192187
mRNA Refseq	NM_138672
Protein Refseq	NP_619613

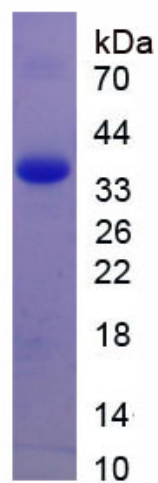
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UniProt ID

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