

## Recombinant Mouse Stab1 Protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Stab1 Protein (Asn347-Pro652) with N-His tag was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Asn347-Pro652
<b>Description</b>	<p>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).</p>
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	<p>Predicted Molecular Mass: 37.3 kDa            Accurate Molecular Mass: 37 kDa</p>
<b>Purity</b>	> 90%

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<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	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.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Stab1 stabilin 1 [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	<a href="#">Stab1</a>
<b>Synonyms</b>	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;
<b>Gene ID</b>	<a href="#">192187</a>
<b>mRNA Refseq</b>	<a href="#">NM_138672</a>
<b>Protein Refseq</b>	<a href="#">NP_619613</a>

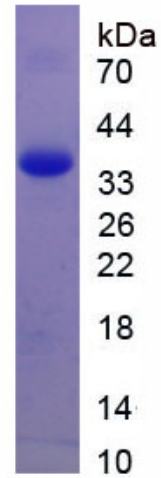
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UniProt ID

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