

Recombinant Mouse Slc35b2 Protein, His&GST-tagged

Cat. No. Slc35b2-2696M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Slc35b2 Protein (Asp2-Tyr295) with a N-His&GST tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Asp2-Tyr295
Description	Predicted to enable 3'-phosphoadenosine 5'-phosphosulfate transmembrane transporter activity. Predicted to be involved in 3'-phosphoadenosine 5'-phosphosulfate transport. Predicted to be located in Golgi apparatus and membrane. Predicted to be integral component of Golgi membrane and integral component of endoplasmic reticulum membrane. Is expressed in several structures, including alimentary system; craniocervical region bone; otic capsule; retina nuclear layer; and shoulder bone. Orthologous to human SLC35B2 (solute carrier family 35 member B2).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 62.5 kDa Accurate Molecular Mass: 53 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).

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Purity	> 90%
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	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Slc35b2 solute carrier family 35, member B2 [Mus musculus (house mouse)]
Official Symbol	Slc35b2
Synonyms	Slc35b2; solute carrier family 35, member B2; PAPST1; Slc35b1; AA407792; AI842275; 1110003M08Rik; adenosine 3'-phospho 5'-phosphosulfate transporter 1 PAPS transporter 1 solute carrier family 35, member B1
Gene ID	73836
mRNA Refseq	NM_001357105

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Protein Refseq	NP_001344034
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UniProt ID	Q91ZN5
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