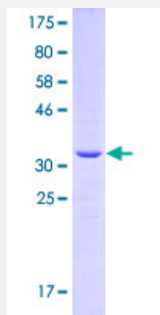


SLC35B2 (Human) Recombinant Protein (Q01)

Catalog # H00347734-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SLC35B2 partial ORF (NP_835361.1, 1 a.a. - 100 a.a.) recombinant protein with GST tag at N-terminal.
Sequence	MDARWWAVVVLAAFP SLGAGGETPEAPPESWTQLWFFRFV VNAAGYASFMVPGYLLVQYFRR KNYLETGRGLCFPLVKACVFGNEPKASDEVPLAPRTEA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Rat (90)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SLC35B2

Entrez GeneID	347734
GeneBank Accession#	NM_178148.1
Protein Accession#	NP_835361.1
Gene Name	SLC35B2
Gene Alias	PAPST1, SLL, UGTrel4
Gene Description	solute carrier family 35, member B2
Omim ID	610788
Gene Ontology	Hyperlink
Gene Summary	Sulfotransferases (e.g., SULT4A1; MIM 608359) use an activated form of sulfate, 3-prime-phosphoadenosine 5-prime-phosphosulfate (PAPS), as a common sulfate donor for sulfation of glycoproteins, proteoglycans, and glycolipids in the endoplasmic reticulum and Golgi apparatus. SLC35B2 is located in the microsomal membrane and transports PAPS from the cytosol, where it is synthesized, into the Golgi lumen (Kamiyama et al., 2003 [PubMed 12716889]).[supplied by OMIM]
Other Designations	3'-phosphoadenosine 5'-phosphosulfate transporter OTTHUMP00000016513 OTTHUMP00000016514 OTTHUMP00000039875 solute carrier family 35 member B2 variant 2

Disease

- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Occupational Diseases](#)