Recombinant Full Length Human SLC35A1 Protein, GST-tagged

Cat. No. SLC35A1-6811HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC35A1 Full-Length ORF Protein (1-337 aa) is produced by Wheat Germ (in vitro) expression system. This protein is fused with a GST tag at the N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	337 amino acids
Description	The SLC35A1 gene encodes a CMP-sialic acid transporter located within the membrane of the Golgi apparatus. The transporter moves nucleotide sugars across the membrane for use in glycosylation reactions that take place within the Golgi department (Eckhardt et al., 1996 [PubMed 8755516]). For background information on the SLC35 family of nucleotide-sugar transporters, see SLC35A3 (MIM 605632).
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	63.2 kDa
AA Sequence	MAAPRDNVTLLFKLYCLAVMTLMAAVYTIALRYTRTSDKELYFSTTAVCITEVIKLLLS VGILAKETGSLGRFKASLRENVLGSPKELLKLSVPSLVYAVQNNMAFLALSNLDAAVY QVTYQLKIPCTALCTVLMLNRTLSKLQWVSVFMLCAGVTLVQWKPAQATKVVVEQN PLLGFGAIAIAVLCSGFAGVYFEKVLKSSDTSLWVRNIQMYLSGIIVTLAGVYLSDGAE

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	IKEKGFFYGYTYYVWFVIFLASVGGLYTSVVVKYTDNIMKGFSAAAAIVLSTIASVMLF GLQITLTFALGTLLVCVSIYLYGLPRQDTTSIQQGETASKERVIGV
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	SLC35A1 solute carrier family 35 member A1 [Homo sapiens (human)]
Official Symbol	SLC35A1
Synonyms	CMPST; CST; hCST; inactive;
Gene ID	10559
mRNA Refseq	NM_006416
Protein Refseq	NP_006407
MIM	605634
UniProt ID	P78382

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