

Recombinant Human SLC35A1 Protein (A2-V337), 8×His-MBP, Flag tagged

Cat. No. SLC35A1-1297H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human 8His-MBP-TEV-(GG)-SLC35A1(A2-V337)-Flag Protein was expressed in Insect cell.
Species	Human
Source	Insect Cells
ProteinLength	A2-V337
Description	Transports CMP-sialic acid from the cytosol into Golgi vesicles where glycosyltransferases function. Efficient CMP-sialic acid uptake depends on the presence of free CMP inside the vesicles, suggesting the proteins functions as an antiporter. Binds both CMP-sialic acid and free CMP, but has higher affinity for free CMP.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.

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Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Formulation:
Shipping	It is shipped out with blue ice.

GENE INFORMATION

Gene Name	SLC35A1 solute carrier family 35 member A1 [Homo sapiens (human)]
Official Symbol	SLC35A1
Synonyms	SLC35A1; solute carrier family 35 member A1; CST; hCST; CDG2F; CMPST; CMP-sialic acid transporter; CMP-SA-Tr; CMP-Sia-Tr; mutated CMP-sialic acid transporter A1; solute carrier family 35 (CMP-sialic acid transporter), member 1; solute carrier family 35 (CMP-sialic acid transporter), member A1; solute carrier family 35 (UDP-galactose transporter), member 1
Gene ID	10559
mRNA Refseq	NM_006416
Protein Refseq	NP_006407
MIM	605634
UniProt ID	P78382

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