

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
Protein Length	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	MAAPRDNVTLFLKLYCLAVMTLMAAVYTIALRYTRTSDKELYFSTTAVCITEVIKLLLS VGILAKETGSLGRFKASLRENVLGSPKELLKLSVPSLVYAVQNNMAFLALSNLDAAVY QVTYQLKIPCTALCTVLMNRTLTKLQWVSFVMLCAGVTLVQWKPAQATKVVVEQN PLLGFGAIAI AVLCSGFAGVYFEKVLKSSDTSLWVRNIQMYLSGIIVTLAGVYLSDGAE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

IKEKGFFYGYTTYVWFVIFLASVGGLYTSVVVKYTDNIMKGFSA AAAIVLSTIASVMLF
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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