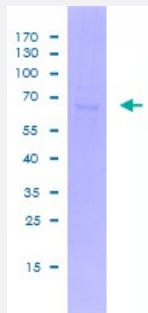


SLC7A5 (Human) Recombinant Protein (P02)

Catalog # H00008140-P02

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SLC7A5 full-length ORF (NP_003477.4, 1 a.a. - 507 a.a.) recombinant protein with GST tag at N-terminal.

Sequence

MAGAGPKRRALAAPAAEEKEEAREKMLAAKSADGSAPAGEGEGVTLQRNITLLNGVAIVGTIIGSGIFVTPTGVLKEAGSPGLALVVAACGVFSIVGALCYAELGTTISKSGGDYAYMLEVYGS LPAFLK L WIELLIIRPSSQYVALVFATYLLKPLFPTCPVPEEAAKL VACLCVLLLTAVNCYSVKAATRVQDAF AAAKLLALAL ILLGFVQIGKGDVSNLDPNFSFEGTKLDVGNMLALYSGLFAYGGWNYLN FVTEEMI NPYRNLPLAIIISLPVTLVYVLTNLAYFTTLSTEQMLSSEAVAVDFGN YHLGVMSWIIIPVFVGLSCFG SVNGSLFTSSRLFFVGSREGHLPSILSMIHPQLLTPVPSLVFTCVMTLLYAFSKDIFSVINFFSFFNW LCVALAIGMWLRHRKPELERPIKVNALALPVFFILACLFLIAVSFWKTPVECGIGFTIILSGLPVYFFGV WWKNKPKWLLQGIFSTTVLCQKLMQVVPQET

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

81.40000000000001

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 — SLC7A5

Entrez GeneID	8140
GeneBank Accession#	NM_003486.5
Protein Accession#	NP_003477.4
Gene Name	SLC7A5
Gene Alias	4F2LC, CD98, D16S469E, E16, LAT1, MPE16, hLAT1
Gene Description	solute carrier family 7 (cationic amino acid transporter, y+ system), member 5
Omim ID	600182
Gene Ontology	Hyperlink
Gene Summary	y+ system)
Other Designations	4F2 light chain CD98 light chain L-type amino acid transporter 1 integral membrane protein E16 large neutral amino acids transporter 1 large neutral amino acids transporter small subunit 1 sodium-independent neutral amino acid transporter LAT1

Disease

- [Autistic Disorder](#)
- [Genetic Predisposition to Disease](#)

- [Kidney Failure](#)
- [Lymphoma](#)
- [Multiple Myeloma](#)