

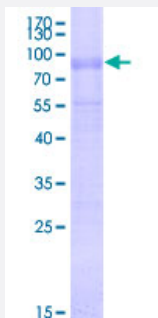
Full-Length

SLC1A5 (Human) Recombinant Protein (P01)

Catalog # H00006510-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SLC1A5 full-length ORF (no protein_acc, 1 a.a. - 493 a.a.) recombinant protein with GST tag at N-terminal.

Sequence

MVADPPRDSKGLAAAEP TANGGLALASIEDQGAAAGGYCGSRDQVRRCLRANLLVLLTVVVC SL
IGGAASLDPGALGRLGAWALLFFLVTTLLASALGVGLALALQPGAASAAINASVGAAGSAENAPS
KEVLDSFLDLARNIFPSNLVSAAFRSYSTTYEERNITGTRVKVPVGQEVEGMNILGLVVFAIVFGVA
LRKLGPEGELLIRFFNSFNEATMVLVSWIMWYAPVGIMFLVAGKIVEMEDVGLLFARLGKYILCCLL
GHAHGLLVLPYLFTRKNPYRFLWGVTPLATAFGTSSSSATLPLMMKCVEENNGVAKHISRFIL
PIGATVNMDGAALFQCVAAVFIAQLSQSLDFVKIITLV TATASSVGAAGIPAGGVLT LAIILEAVNLP
VDHISLILAVDWLVDRSCTVLNVEGDALGAGLLQNYVDRTESRSTEPELIQVKSELPLDPLPVPTE
EGNPLLKHYRGPAGDATVASEKESVM

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

78.2

Interspecies Antigen Sequence

Mouse (74); Rat (72)

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 — SLC1A5

Entrez GeneID	6510
GeneBank Accession#	AK125222.1
Protein Accession#	no protein_acc
Gene Name	SLC1A5
Gene Alias	AAAT, ASCT2, ATBO, FLJ31068, M7V1, M7VS1, R16, RDRC
Gene Description	solute carrier family 1 (neutral amino acid transporter), member 5
Omim ID	109190
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	RD114 virus receptor baboon M7 virus receptor neutral amino acid transporter B

Disease

- [Hartnup Disease](#)

- [Schizophrenia](#)