

Recombinant Human SLC7A5 protein, GST-tagged

Cat. No. SLC7A5-301594H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC7A5 (1-58 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Ile58
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	MAGAGPKRRALAAPAAEEKEEAREKMLAAKSADGSAPAGEGEGVTLQRNITLLNGV AI
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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GENE INFORMATION

Gene Name	SLC7A5 solute carrier family 7 (amino acid transporter light chain, L system), member 5 [Homo sapiens]
Official Symbol	SLC7A5
Synonyms	SLC7A5; solute carrier family 7 (amino acid transporter light chain, L system), member 5; large neutral amino acids transporter small subunit 1; CD98; D16S469E; E16; LAT1; MPE16; 4F2 LC; 4F2 light chain; CD98 light chain; integral membrane protein E16; L-type amino acid transporter 1; solute carrier family 7 member 5; large neutral amino acids transporter 1; y+ system cationic amino acid transporter; sodium-independent neutral amino acid transporter LAT1; solute carrier family 7 (cationic amino acid transporter, y+ system), member 5; 4F2LC; hLAT1;
Gene ID	8140
mRNA Refseq	NM_003486
Protein Refseq	NP_003477
MIM	600182
UniProt ID	Q01650

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