

## Recombinant Human SLC7A5 protein, GST-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SLC7A5 (1-58 aa) protein, fused to GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Ile58
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
<b>AA Sequence</b>	MAGAGPKRRALAAPAAEEKEEAREKMLAAKSADGSAPAGEGEGVTLQRNITLLNGV AI
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Stability</b>	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
<b>Storage</b>	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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