

Recombinant Human SLC7A7 protein, His-tagged

Cat. No. SLC7A7-2525H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC7A7 protein(459-511 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	459-511 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	LIIRVPEHKRPLYLRRIVGSATRYLQVLCMSVAAEMDLEDGGEMPKQRDPKSN
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
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.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

 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

GENE INFORMATION

Gene Name	SLC7A7 solute carrier family 7 (amino acid transporter light chain, y+L system), member 7 [Homo sapiens]
Official Symbol	SLC7A7
Synonyms	SLC7A7; solute carrier family 7 (amino acid transporter light chain, y+L system), member 7; LPI; Y+L amino acid transporter 1; y+LAT 1; monocyte amino acid permease 2; y(+)-L-type amino acid transporter 1; solute carrier family 7 (cationic amino acid transporter, y+ system), member 7; LAT3; MOP-2; Y+LAT1; y+LAT-1;
Gene ID	9056
mRNA Refseq	NM_001126105
Protein Refseq	NP_001119577
MIM	603593
UniProt ID	Q9UM01

 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