Recombinant Human SLC7A5 protein, His-SUMO&Myc-tagged

Cat. No. SLC7A5-4561H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC7A5 protein(Q01650)(16-50aa), fused to N-terminal His tag and SUMO tag and C-terminal Myc tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	16-50aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	19.7 kDa
AA Sequence	AEEKEEAREKMLAAKSADGSAPAGEGEGVTLQRNI
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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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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