Recombinant Human SLC7A1, His-tagged

Cat. No. SLC7A1-2784H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC7A1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	312-629aa
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	SLC7A1 solute carrier family 7 (cationic amino acid transporter, y+ system), member 1 [Homo sapiens]
Official Symbol	SLC7A1
Synonyms	SLC7A1; solute carrier family 7 (cationic amino acid transporter, y+ system), member 1; ATRC1, ERR; high affinity cationic amino acid transporter 1; amino acid transporter; cationic 1; CAT 1; ecotropic retroviral receptor; HCAT1; REC1L; CAT1;

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	solute carrier family 7 member 1; amino acid transporter, cationic 1; ecotropic retrovirus receptor homolog; system Y+ basic amino acid transporter; ecotropic retroviral leukemia receptor homolog; ERR; ATRC1; CAT-1;
Gene ID	6541
mRNA Refseq	NM_003045
Protein Refseq	NP_003036
MIM	104615
UniProt ID	P30825
Chromosome Location	13q12-q14
Pathway	Amino acid transport across the plasma membrane, organism-specific biosystem; SLC-mediated transmembrane transport, organism-specific biosystem; Transmembrane transport of small molecules, organism-specific biosystem; Transport of inorganic cations/anions
Function	amino acid transmembrane transporter activity; arginine transmembrane transporter activity; receptor activity;

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