Recombinant Human SLC7A3, GST-tagged

Cat. No. SLC7A3-2785H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC7A3 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-288aa
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 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	SLC7A3 solute carrier family 7 (cationic amino acid transporter, y+ system), member 3 [Homo sapiens]
Official Symbol	SLC7A3
Synonyms	SLC7A3; solute carrier family 7 (cationic amino acid transporter, y+ system), member 3; CAT3; ATRC3; CAT-3; cationic amino acid transporter 3; FLJ14541

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Gene ID	84889
mRNA Refseq	NM_001048164
Protein Refseq	NP_001041629
MIM	300443
UniProt ID	Q8WY07
Chromosome Location	Xq13.1
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	L-lysine transmembrane transporter activity; arginine transmembrane transporter activity; cationic amino acid transmembrane transporter activity

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