Recombinant Human SLC3A1, GST-tagged

Cat. No. SLC3A1-2767H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC3A1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	336-685aa
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	SLC3A1 solute carrier family 3 (cystine, dibasic and neutral amino acid transporters, activator of cystine, dibasic and neutral amino acid transport), member 1 [Homo sapiens]
Official Symbol	SLC3A1
Synonyms	SLC3A1; solute carrier family 3 (cystine, dibasic and neutral amino acid transporters, activator of cystine, dibasic and neutral amino acid transport), member 1; neutral and

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	basic amino acid transport protein rBAT; ATR1; CSNU1; D2H; NBAT; RBAT; SLC3A1 variant B; SLC3A1 variant C; SLC3A1 variant D; SLC3A1 variant E; SLC3A1 variant F; SLC3A1 variant G; amino acid transporter 1; B(0,+)-type amino acid transport protein; solute carrier family 3 (cystine, dibasic and neutral amino acid transporters), member 1; FLJ34681;
Gene ID	6519
mRNA Refseq	NM_000341
Protein Refseq	NP_000332
MIM	104614
UniProt ID	Q07837
Chromosome Location	2p16.3
Pathway	Amino acid transport across the plasma membrane, organism-specific biosystem; Protein digestion and absorption, organism-specific biosystem; Protein digestion and absorption, conserved biosystem; SLC-mediated transmembrane transport, organism-specific bio
Function	L-cystine transmembrane transporter activity; amino acid transmembrane transporter activity; basic amino acid transmembrane transporter activity; catalytic activity; cation binding; protein heterodimerization activity;

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