

Recombinant Human SLC1A4, His-tagged

Cat. No. SLC1A4-2705H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC1A4 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	431-532aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	SLC1A4 solute carrier family 1 (glutamate/neutral amino acid transporter), member 4 [Homo sapiens]
Official Symbol	SLC1A4
Synonyms	SLC1A4; solute carrier family 1 (glutamate/neutral amino acid transporter), member 4; neutral amino acid transporter A; alanine/serine/cysteine/threonine transporter; ASCT1; SATT; ASCT-1; solute carrier family 1 member 4; glutamate/neutral amino

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	acid transporter; alanine/serine/cysteine/threonine transporter 1;
Gene ID	6509
mRNA Refseq	NM_001193493
Protein Refseq	NP_001180422
MIM	600229
UniProt ID	P43007
Chromosome Location	2p15-p13
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 and amino acids/oligopeptides, organism-specific biosystem;
Function	L-alanine transmembrane transporter activity; L-cystine transmembrane transporter activity; NOT L-cystine transmembrane transporter activity; L-glutamine transmembrane transporter activity; L-hydroxyproline transmembrane transporter activity; L-proline tr