

Recombinant Human SLC1A7, GST-tagged

Cat. No. SLC1A7-2706H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC1A7 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-94aa
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 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	SLC1A7 solute carrier family 1 (glutamate transporter), member 7 [Homo sapiens]
Official Symbol	SLC1A7
Synonyms	SLC1A7; solute carrier family 1 (glutamate transporter), member 7; excitatory amino acid transporter 5; EAAT5; retinal glutamate transporter; solute carrier family 1 member 7; excitatory amino acid transporter 5a long; excitatory amino acid transporter 5 (retinal glutamate transporter); AAAT; FLJ36602;

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Gene ID	6512
mRNA Refseq	NM_006671
Protein Refseq	NP_006662
MIM	604471
UniProt ID	O00341
Chromosome Location	1p32.3
Pathway	Glutamate Neurotransmitter Release Cycle, organism-specific biosystem; Glutamatergic synapse, organism-specific biosystem; Glutamatergic synapse, conserved biosystem; Neuronal System, organism-specific biosystem; Neurotransmitter Release Cycle, organism-specific biosystem; SLC-mediated transmembrane transport, organism-specific biosystem; Transmembrane transport of small molecules, organism-specific biosystem;
Function	L-glutamate transmembrane transporter activity; sodium:dicarboxylate symporter activity; symporter activity;