

Recombinant Human SLC1A3, GST-tagged

Cat. No. SLC1A3-2704H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC1A3 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-72aa
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	SLC1A3 solute carrier family 1 (glial high affinity glutamate transporter), member 3 [Homo sapiens]
Official Symbol	SLC1A3
Synonyms	SLC1A3; solute carrier family 1 (glial high affinity glutamate transporter), member 3; excitatory amino acid transporter 1; EA6; EAAT1; GLAST; glutamate transporter variant EAAT1ex9skip; GLAST-1; solute carrier family 1 member 3; sodium-

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	dependent glutamate/aspartate transporter 1; GLAST1; FLJ25094;
Gene ID	6507
mRNA Refseq	NM_001166695
Protein Refseq	NP_001160167
MIM	600111
UniProt ID	P43003
Chromosome Location	5p13
Pathway	Astrocytic Glutamate-Glutamine Uptake And Metabolism, organism-specific biosystem; Glutamatergic synapse, organism-specific biosystem; Glutamatergic synapse, conserved biosystem; Neuronal System, organism-specific biosystem; Neurotransmitter uptake and Metabolism In Glial Cells, organism-specific biosystem; SLC-mediated transmembrane transport, organism-specific biosystem; Transmembrane transport of small molecules, organism-specific biosystem;
Function	L-glutamate transmembrane transporter activity; glutamate binding; high-affinity glutamate transmembrane transporter activity; sodium:dicarboxylate symporter activity; symporter activity;