

Recombinant Human SLC38A3, His-tagged

Cat. No. SLC38A3-2759H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC38A3 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-191aa
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	SLC38A3 solute carrier family 38, member 3 [Homo sapiens]
Official Symbol	SLC38A3
Synonyms	SLC38A3; solute carrier family 38, member 3; sodium-coupled neutral amino acid transporter 3; G17; SN1; N-system amino acid transporter 1; system N amino acid transporter 1; Na(+)-coupled neutral amino acid transporter 3; system N1 Na ⁺ and H ⁺ -coupled glutamine transporter; NAT1;

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Gene ID	10991
mRNA Refseq	NM_006841
Protein Refseq	NP_006832
MIM	604437
UniProt ID	Q99624
Chromosome Location	3p21.3
Pathway	Amino acid transport across the plasma membrane, organism-specific biosystem; GABAergic synapse, organism-specific biosystem; GABAergic synapse, conserved biosystem; Glutamatergic synapse, organism-specific biosystem; Glutamatergic synapse, conserved biosystem
Function	L-alanine transmembrane transporter activity; L-asparagine transmembrane transporter activity; L-glutamine transmembrane transporter activity; L-histidine transmembrane transporter activity; antiporter activity; symporter activity;