

Recombinant Human SLC1A5 Protein (A2-F921), 8×His-MBP, Flag tagged

Cat. No. SLC1A5-1210H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human 8His-MBP-TEV-(GG)-SLC8A2(A2-F921)-Flag Protein was expressed in Insect cell.
Species	Human
Source	Insect Cells
ProteinLength	A2-F921
Description	Sodium-dependent amino acids transporter that has a broad substrate specificity, with a preference for zwitterionic amino acids. It accepts as substrates all neutral amino acids, including glutamine, asparagine, and branched-chain and aromatic amino acids, and excludes methylated, anionic, and cationic amino acids (). Through binding of the fusogenic protein syncytin-1/ERVW-1 may mediate trophoblasts syncytialization, the spontaneous fusion of their plasma membranes, an essential process in placental development.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	70%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80

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	centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Formulation:
Shipping	It is shipped out with blue ice.

GENE INFORMATION

Gene Name	SLC1A5 solute carrier family 1 (neutral amino acid transporter), member 5 [Homo sapiens (human)]
Official Symbol	SLC1A5
Synonyms	SLC1A5; solute carrier family 1 (neutral amino acid transporter), member 5; M7V1, RDRC; neutral amino acid transporter B(0); AAAT; ASCT2; ATB(0); RD114 virus receptor; baboon M7 virus receptor; neutral amino acid transporter B; solute carrier family 1 member 5; RD114/simian type D retrovirus receptor; sodium-dependent neutral amino acid transporter type 2; R16; ATBO; M7V1; RDRC; M7VS1; FLJ31068;
Gene ID	6510
mRNA Refseq	NM_001145144
Protein Refseq	NP_001138616
MIM	109190
UniProt ID	Q15758

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