Recombinant Human SLC18A1, GST-tagged

Cat. No. SLC18A1-2702H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC18A1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	43-138aa
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	SLC18A1 solute carrier family 18 (vesicular monoamine), member 1 [Homo sapiens]
Official Symbol	SLC18A1
Synonyms	SLC18A1; solute carrier family 18 (vesicular monoamine), member 1; VAT1, VMAT1; chromaffin granule amine transporter; CGAT; vesicular amine transporter 1; solute carrier family 18 member 1; VAT1; VMAT1;

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Gene ID	6570
mRNA Refseq	NM_001135691
Protein Refseq	NP_001129163
MIM	193002
UniProt ID	P54219
Chromosome Location	8p21.3
Pathway	Amphetamine addiction, organism-specific biosystem; Amphetamine addiction, conserved biosystem; Cocaine addiction, organism-specific biosystem; Cocaine addiction, conserved biosystem; Dopaminergic synapse, organism-specific biosystem; Dopaminergic synapse, conserved biosystem; Na+/Cl- dependent neurotransmitter transporters, organism-specific biosystem;
Function	drug transmembrane transporter activity; enzyme binding; monoamine transmembrane transporter activity; serotonin transmembrane transporter activity;

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