

Recombinant Human SLC6A3, GST-tagged

Cat. No. SLC6A3-2782H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC6A3 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-62aa
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	SLC6A3 solute carrier family 6 (neurotransmitter transporter, dopamine), member 3 [Homo sapiens]
Official Symbol	SLC6A3
Synonyms	SLC6A3; solute carrier family 6 (neurotransmitter transporter, dopamine), member 3; DAT1; sodium-dependent dopamine transporter; DAT; dopamine transporter; DA transporter; solute carrier family 6 member 3;

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Gene ID	6531
mRNA Refseq	NM_001044
Protein Refseq	NP_001035
MIM	126455
UniProt ID	Q01959
Chromosome Location	5p15.3
Pathway	Alpha-synuclein signaling, organism-specific biosystem; Amphetamine addiction, organism-specific biosystem; Amphetamine addiction, conserved biosystem; Cocaine addiction, organism-specific biosystem; Cocaine addiction, conserved biosystem; Dopamine cleara
Function	dopamine binding; dopamine transmembrane transporter activity; dopamine:sodium symporter activity; drug binding; monoamine transmembrane transporter activity; protein N-terminus binding; protein complex binding; receptor binding; symporter activity;

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