

Recombinant Human SLC6A4, GST-tagged

Cat. No. SLC6A4-2783H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC6A4 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-71
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	SLC6A4 solute carrier family 6 (neurotransmitter transporter, serotonin), member 4 [Homo sapiens]
Official Symbol	SLC6A4
Synonyms	SLC6A4; solute carrier family 6 (neurotransmitter transporter, serotonin), member 4; HTT; sodium-dependent serotonin transporter; 5-HTT; SERT1; 5HT transporter; 5-hydroxytryptamine transporter; solute carrier family 6 member 4; Na ⁺ /Cl ⁻ dependent

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	serotonin transporter; 5HTT; OCD1; SERT; 5-HTT; hSERT; 5-HTTLPR;
Gene ID	6532
mRNA Refseq	NM_001045
Protein Refseq	NP_001036
MIM	182138
UniProt ID	P31645
Chromosome Location	17q11.2
Pathway	Monoamine Transport, organism-specific biosystem; SIDS Susceptibility Pathways, organism-specific biosystem; Serotonergic synapse, organism-specific biosystem;
Function	Rab GTPase binding; actin filament binding; cocaine binding; monoamine transmembrane transporter activity; myosin binding; nitric-oxide synthase binding; protein binding; protein homodimerization activity; serotonin transmembrane transporter activity; ser