

Recombinant Human SLC6A1 protein, GST-tagged

Cat. No. SLC6A1-1796H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC6A1 protein(1-52 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-52 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ ,17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	MATNGSKVADGQISTEVSEAPVANDKPKTLVVKVQKKAADLPDRDTWKGRFD
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

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GENE INFORMATION

Gene Name	SLC6A1 solute carrier family 6 (neurotransmitter transporter, GABA), member 1 [Homo sapiens]
Official Symbol	SLC6A1
Synonyms	SLC6A1; solute carrier family 6 (neurotransmitter transporter, GABA), member 1; sodium- and chloride-dependent GABA transporter 1; GABATHG; GABATR; GAT1; GAT-1; solute carrier family 6 member 1;
Gene ID	6529
mRNA Refseq	NM_003042
Protein Refseq	NP_003033
MIM	137165
UniProt ID	P30531

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