

Recombinant Human SLC6A12, His-tagged

Cat. No. SLC6A12-2781H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC6A12 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	548-614aa
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 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	SLC6A12 solute carrier family 6 (neurotransmitter transporter, betaine/GABA), member 12 [Homo sapiens]
Official Symbol	SLC6A12
Synonyms	SLC6A12; solute carrier family 6 (neurotransmitter transporter, betaine/GABA), member 12; sodium- and chloride-dependent betaine transporter; BGT 1; gamma-aminobutyric acid transporter; Na(+)/Cl(-) betaine/GABA transporter; BGT1; GAT2;

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	BGT-1; FLJ38727;
Gene ID	6539
mRNA Refseq	NM_001122847
Protein Refseq	NP_001116319
MIM	603080
UniProt ID	P48065
Chromosome Location	12p13
Pathway	Amino acid transport across the plasma membrane, organism-specific biosystem; GABA synthesis, release, reuptake and degradation, organism-specific biosystem; Na ⁺ /Cl ⁻ dependent neurotransmitter transporters, organism-specific biosystem; Neuronal System, or
Function	gamma-aminobutyric acid:sodium symporter activity; neurotransmitter:sodium symporter activity; symporter activity;