

Recombinant Human SLC6A6 protein, His-tagged

Cat. No. SLC6A6-1208H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC6A6 aa. (Val131~Val227 (Accession # P31641) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Val131~Val227
Description	This gene encodes a multi-pass membrane protein that is a member of a family of sodium and chloride-ion dependent transporters. The encoded protein transports taurine and beta-alanine. There is a pseudogene for this gene on chromosome 21. Alternative splicing results in multiple transcript variants.
Form	Freeze-dried powder
Molecular Mass	13kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.5.
Applications	SDS-PAGE; WB; ELISA; IP.

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Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	SLC6A6 solute carrier family 6 member 6 [Homo sapiens (human)]
Official Symbol	SLC6A6
Synonyms	SLC6A6; solute carrier family 6 member 6; TAUT; sodium- and chloride-dependent taurine transporter; solute carrier family 6 (neurotransmitter transporter, taurine), member 6
Gene ID	6533
mRNA Refseq	NM_001134367.3
Protein Refseq	NP_001127839.2
UniProt ID	P31641

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