

Recombinant Human SLC6A19 protein, His-tagged

Cat. No. SLC6A19-3788H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC6A19 protein(295-403 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	295-403 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	VHNNCEKDSVIVSIINGFTSVYVAIVVYSVIGFRATQRYDDCFSTNLTILINGFDLPEGN VTQENFVDMQQRCNASDPAAAYAQLVFQTCDINAFLSEAVEGTGLAFIVF
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 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term

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storage.

GENE INFORMATION

Gene Name	SLC6A19 solute carrier family 6 (neutral amino acid transporter), member 19 [Homo sapiens]
Official Symbol	SLC6A19
Synonyms	SLC6A19; solute carrier family 6 (neutral amino acid transporter), member 19; sodium-dependent neutral amino acid transporter B(0)AT1; Hartnup disease; solute carrier family 6 member 19; system B0 neutral amino acid transporter; system B(0) neutral amino acid transporter AT1; sodium-dependent amino acid transporter system B0; solute carrier family 6 (neurotransmitter transporter), member 19; HND; B0AT1; FLJ20680; FLJ34635;
Gene ID	340024
mRNA Refseq	NM_001003841
Protein Refseq	NP_001003841
MIM	608893
UniProt ID	Q695T7

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