

Recombinant Human SLC18A3 protein, His-tagged

Cat. No. SLC18A3-2665H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC18A3 protein(410-501 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	410-501 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.
Purity	95%, 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 storage.

GENE INFORMATION

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Gene Name	SLC18A3 solute carrier family 18 (vesicular acetylcholine), member 3 [Homo sapiens]
Official Symbol	SLC18A3
Synonyms	SLC18A3; solute carrier family 18 (vesicular acetylcholine), member 3; vesicular acetylcholine transporter; VACHT; solute carrier family 18 member 3; solute carrier family 18, member 3; MGC12716;
Gene ID	6572
mRNA Refseq	NM_003055
Protein Refseq	NP_003046
MIM	600336
UniProt ID	Q16572

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