

Recombinant Human STT3A protein, His-tagged

Cat. No. STT3A-3773H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human STT3A protein(475-705 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	475-705 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	STWVTSEAYSSPSIVLSARGGDGSRIIFDDFREAYYWLRHNTPEDAKVMSWWDYGY QITAMANRTILVDNNTWNNTHTSRVGGQAMASTEELKAYEIMRELDVSYVLVIFGGTLTG SSDDINKFLWMVRIGGSTDTGKHIKENDYYTPTGEFRVDREGSPVLLNCLMYKMCY YRFGQVYTEAKRPPGFDRVRNAEIGNKDFELDVLEEAYTTEHWLVRIYKVKDLDNR GLSRT
Purity	85%, 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.

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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.
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GENE INFORMATION

Gene Name	STT3A STT3, subunit of the oligosaccharyltransferase complex, homolog A (S. cerevisiae) [Homo sapiens]
Official Symbol	STT3A
Synonyms	STT3A; STT3, subunit of the oligosaccharyltransferase complex, homolog A (S. cerevisiae); integral membrane protein 1 , ITM1; dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit STT3A; MGC9042; STT3 A; TMC; B5; transmembrane conserved; transmembrane protein TMC; integral membrane protein 1; integral transmembrane protein 1; oligosaccharyl transferase subunit STT3A; ITM1; STT3-A; FLJ27038;
Gene ID	3703
mRNA Refseq	NM_152713
Protein Refseq	NP_689926
MIM	601134
UniProt ID	P46977

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