

## Recombinant Human STT3A protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human STT3A protein(475-705 aa), fused to His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	475-705 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
<b>AA Sequence</b>	STWVTSEAYSSPSIVLSARGGDGSRIIFDDFREAYYWLRHNTPEDAKVMSWWDYGY QITAMANRTILVDNNTWNNTHISRVGQAMASTEELKAYEIMRELDVSYVLVIFGGLTGY SSDDINKFLWMVRIGGSTDTGKHIKENDYYTPTGEFRVDREGSPVLLNCLMYKMCY YRFGQVYTEAKRPPGFDRVRNAEIGNKDFELDVLEEAYTTEHWLVRIYKVKDLDNR GLSRT
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	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.

## 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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