

Recombinant Human STT3A

Cat. No. STT3A-30457TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human STT3A with an N terminal proprietary tag; Predicted MWt 36.52 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	99 amino acids
Molecular Weight	36.520kDa inclusive of tags
Tissue specificity	Expressed at high levels in placenta, liver, muscle and pancreas, and at very low levels in brain, lung and kidney. Expressed in skin fibroblasts (at protein level).
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	GGSTDTGKHIKENDYYTPTGEFRVDREGSPVLLNCLMYKMCYYRFGQVYTEAKRPP GFDRVRNAEIGNKDFELDVLEEAYTTEHWLVRIYKVKDLNDRG

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Sequence Similarities Belongs to the STT3 family.

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;
Gene ID	3703
mRNA Refseq	NM_152713
Protein Refseq	NP_689926
MIM	601134
Uniprot ID	P46977
Chromosome Location	11q23.3
Pathway	Asparagine N-linked glycosylation, organism-specific biosystem; Metabolic pathways, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; N-Glycan biosynthesis, organism-specific biosystem; N-Glycan biosynthesis, conserved biosystem;

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Function

contributes_to dolichyl-diphosphooligosaccharide-protein glycotransferase activity;
transferase activity;

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