

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	36.52kDa 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: 8.00 Constituents: 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	GGSTDTGKHIKENDYYTPTGFEFRVDREGSPVLLNCLMYKMCYYRFGQVYTEAKRPP 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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