# Recombinant Human STT3A

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

## SPECIFICATION

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| **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 GFDRVRNAEIGNKDFELDVLEEAYTTEHWLVRIYKVKDLDNRG |

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| **Sequence Similarities** | Belongs to the STT3 family. |

## GENE INFORMATION

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| **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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