Recombinant Human STT3A Protein, GST-tagged

Cat. No. STT3A-4957H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ITM1 partial ORF (NP_689926, 603 a.a. - 701 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene is a catalytic subunit of the N-oligosaccharyltransferase (OST) complex, which functions in the endoplasmic reticulum to transfer glycan chains to asparagine residues of target proteins. A separate complex containing a similar catalytic subunit with an overlapping function also exists. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2015]
Molecular Mass	36.63 kDa
AA Sequence	GGSTDTGKHIKENDYYTPTGEFRVDREGSPVLLNCLMYKMCYYRFGQVYTEAKRPP GFDRVRNAEIGNKDFELDVLEEAYTTEHWLVRIYKVKDLDNRG
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.

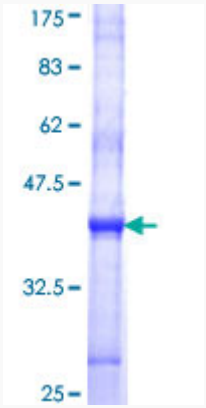
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Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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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Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue

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