

## Recombinant Human OGT protein, GST-tagged

Cat. No. OGT-1448H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human OGT protein(1-400 aa), fused with N-terminal GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-400 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.
<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, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
<b>AA Sequence</b>	MASSVGNVADSTGLAELAHREYQAGDFEAAERHCMQLWRQEPDNTGVLLLLSSIHF QCRRLDRSAHFSTLAIKQNPLLAEAYSNLGNVYKERGQLQEAIHYRHALRLKPDFID GYINLAAALVAAGDMEGAVQAYVSALQYNPDLYCVRSDLGNLLKALGRLEEAKACYL KAIETQPNFAVAWSNLGCVFNAQGEIWLAIHHFEKAVTLDPNFLDAYINLGNVLKEAR IFDRAVAAYLRALSLSPNHAVVHGNLACVYYEQGLIDLDAIDTYRRAIELQPHFPDAYC NLANALKEKGSVAEAEDCYNTALRLCPTHADSLNLANIKREQGNIEEAVRLYRKAL EVFPEFAAAHSNLASVLQQQGKLQEALMHYKEAIRISPTFADAYSNMGNTLKEMQD

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**Purity** 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

## GENE INFORMATION

**Official Symbol** OGT

### Synonyms

OGT; HRNT1; O-GLCNAC; O-linked N-acetylglucosamine (GlcNAc) transferase; UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase 110 kDa subunit; O-GlcNAc transferase p110 subunit; O-GlcNAc transferase subunit p110; O-linked N-acetylglucosamine transferase 110 kDa subunit; UDP-N-acetylglucosamine:polypeptide-N-acetylglucosaminyl transferase; uridinediphospho-N-acetylglucosamine:polypeptide beta-N-acetylglucosaminyl transferase; O-linked N-acetylglucosamine (GlcNAc) transferase (UDP-N-acetylglucosamine:polypeptide-N-acetylglucosaminyl transferase); EC 2.4.1.255

**Gene ID** 8473

**mRNA Refseq** NM\_181672

**Protein Refseq** NP\_858058

**MIM** 300255

**UniProt ID** O15294

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SDS-PAGE



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