

Recombinant Human OGT protein, His-tagged

Cat. No. OGT-3171H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human OGT protein(1-400 aa), fused with N-terminal His tag, was expressed in E. coli.

Species Human

Source E.coli

ProteinLength 1-400 aa

Form The purified protein was Lyophilized from sterile PBS (58mM Na₂HPO₄, 17mM NaH₂PO₄, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.

Storage 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.

AA Sequence

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MASSVGNVADSTGLAELAHREYQAGDFEAAERHCMQLWRQEPDNTGVLLLLSSIHF
QCRRLDRSAHFSTLAIKQNPLLAEAYSNLGNVYKERGQLQEAIHYRHALRLKPDFID
GYINLAAALVAAGDMEGAVQAYVSALQYNPDLYCVRSDLGNLLKALGRLEEAKACYL
KAIETQPNFAVAWSNLGCVFNAQGEIWLAIHHFEKAVTLDPNFLDAYINLGNVLKEAR
IFDRAVAAYLRALSLSPNHAVVHGNLACVYYEQGLIDLDAIDTYRRAIELQPHFPDAYC
NLANALKEKGSVAEAEDCYNTALRLCPHADSLNLANIKREQGNIEEAVRLYRKAL
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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