

Recombinant Human OGT Protein, His/FLAG-tagged

Cat. No. OGT-155H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human OGT, fused with N-terminal His-FLAG tag, was expressed in Sf9 insect cells.
Species	Human
Source	Insect Cells
ProteinLength	382-1046
Form	50 mM HEPES, pH 7.1, 1 mM TCEP, 10% glycerol
Molecular Mass	121.2 kDa
Purity	>95% by SDS-PAGE
Storage	Store at -80°C. Thaw quickly and store on ice before use. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

Gene Name	OGT O-linked N-acetylglucosamine (GlcNAc) transferase [Homo sapiens (human)]
Official Symbol	OGT
Synonyms	OGT; HRNT1; O-GLCNAC; O-linked N-acetylglucosamine (GlcNAc) transferase;

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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
Chromosome Location	Xq13
Pathway	Other types of O-glycan biosynthesis
Function	acetylglucosaminyltransferase activity; enzyme activator activity; contributes_to histone acetyltransferase activity (H4-K16 specific)