

Recombinant Human OGA Protein (Ser6-Lys240), His tagged

Cat. No. OGA-3763H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human OGA (Ser6-Lys240) fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ser6-Lys240
Description	The dynamic modification of cytoplasmic and nuclear proteins by O-linked N-acetylglucosamine (O-GlcNAc) addition and removal on serine and threonine residues is catalyzed by OGT (MIM 300255), which adds O-GlcNAc, and MGEA5, a glycosidase that removes O-GlcNAc modifications.
Form	Lyophilized powder/frozen liquid
Molecular Mass	27.54 kDa
Purity	>90% as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.

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Storage Buffer	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	OGA O-GlcNAcase [Homo sapiens (human)]
Official Symbol	OGA
Synonyms	OGA; O-GlcNAcase; MEA5; MGEA5; NCOAT; protein O-GlcNAcase; N-acetyl-beta-D-glucosaminidase; N-acetyl-beta-glucosaminidase; beta-N-acetylglucosaminidase; beta-N-acetylhexosaminidase; beta-hexosaminidase; bifunctional protein NCOAT; hyaluronidase in meningioma; meningioma expressed antigen 5 (hyaluronidase); meningioma-expressed antigen 5; nuclear cytoplasmic O-GlcNAcase and acetyltransferase; EC 3.2.1.169
Gene ID	10724
mRNA Refseq	NM_012215
Protein Refseq	NP_036347
MIM	604039
UniProt ID	O60502

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