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Datasheet for ABIN7505107
MGEA5 Protein (AA 6-240) (His tag)

Overview

Quantity:	100 µg
Target:	MGEA5
Protein Characteristics:	AA 6-240
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This MGEA5 protein is labelled with His tag.

Product Details

Sequence:	Ser 6-Lys 240
Characteristics:	A DNA sequence encoding the Human OGA protein (O60502) (Ser 6-Lys 240) was expressed with a N-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

Target Details

Target:	MGEA5
Alternative Name:	OGA (MGEA5 Products)
Background:	Background: Isoform 1: Cleaves GlcNAc but not GalNAc from O-glycosylated proteins. Can use p-nitrophenyl-beta-GlcNAc and 4-methylumbelliferone-GlcNAc as substrates but not p-nitrophenyl-beta-GalNAc or p-nitrophenyl-alpha-GlcNAc (in vitro) . Does not bind acetyl-CoA an Synonym: OGA,HEXC,KIAA0679,MEA5,MGEA5,Protein O-GlcNAcase

Target Details

Molecular Weight:	25.74 kDa
UniProt:	O60502
Pathways:	Positive Regulation of Peptide Hormone Secretion, Regulation of Carbohydrate Metabolic Process

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C, -20 °C, -80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months