

Recombinant Human MGEA5 Protein, His-tagged

Cat. No. MGEA5-2438H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MGEA5 Protein (Ser6-Thr450) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ser6-Thr450
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 (Gao et al., 2001 [PubMed 11148210]).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 53.1 kDa Accurate Molecular Mass: 65 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 80%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	MGEA5 meningioma expressed antigen 5 (hyaluronidase) [Homo sapiens (human)]
Official Symbol	MGEA5
Synonyms	MGEA5; meningioma expressed antigen 5 (hyaluronidase); bifunctional protein NCOAT; MEA5; NCOAT; nuclear cytoplasmic O GlcNAcase and acetyltransferase; OGA; O-GlcNAcase; hyaluronidase in meningioma; meningioma-expressed antigen 5; nuclear cytoplasmic O-GlcNAcase and acetyltransferase; FLJ11229; FLJ23355; KIAA0679;
Gene ID	10724
mRNA Refseq	NM_001142434
Protein Refseq	NP_001135906

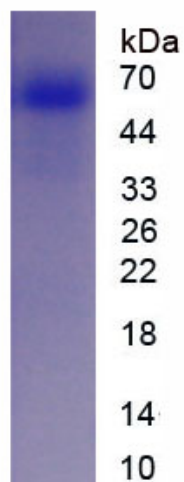
 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

MIM 604039

UniProt ID O60502



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA