

Recombinant Human MGEA5 cell lysate

Cat. No. MGEA5-1108HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
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]).
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	MGEA5 meningioma expressed antigen 5 (hyaluronidase) [Homo sapiens]
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;

 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



	KIAA0679;
Gene ID	10724
mRNA Refseq	NM_001142434
Protein Refseq	NP_001135906
MIM	604039
UniProt ID	O60502
Chromosome Location	10q24.1-q24.3
Function	histone acetyltransferase activity; hyaluronoglucosaminidase activity; hydrolase activity, acting on glycosyl bonds; transferase activity, transferring acyl groups;

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