

Recombinant Human MAN1A1 cell lysate

Cat. No. MAN1A1-1049HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	This gene encodes a class I mammalian Golgi 1,2-mannosidase which is a type II transmembrane protein. This protein catalyzes the removal of 3 distinct mannose residues from peptide-bound Man(9)-GlcNAc(2) oligosaccharides and belongs to family 47 of glycosyl hydrolases.
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	MAN1A1 mannosidase, alpha, class 1A, member 1 [Homo sapiens]
Official Symbol	MAN1A1
Synonyms	MAN1A1; mannosidase, alpha, class 1A, member 1; mannosyl-oligosaccharide 1,2-alpha-mannosidase IA; Man9-mannosidase; alpha-1,2-mannosidase IA; man(9)-alpha-mannosidase; processing alpha-1,2-mannosidase IA; MAN9; HUMM3; HUMM9;

 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

Gene ID	4121
mRNA Refseq	NM_005907
Protein Refseq	NP_005898
MIM	604344
UniProt ID	P33908
Chromosome Location	6q22
Pathway	Asparagine N-linked glycosylation, organism-specific biosystem; Metabolic pathways, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; N-Glycan biosynthesis, organism-specific biosystem; N-Glycan biosynthesis, conserved biosystem; N-glycan precursor trimming, organism-specific biosystem; N-glycan precursor trimming, conserved biosystem;
Function	calcium ion binding; hydrolase activity, acting on glycosyl bonds; mannosidase activity; mannosyl-oligosaccharide 1,2-alpha-mannosidase activity;