



Human MAN2A1 blocking peptide (CDBP1813)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-MAN2A1 antibody
Antigen Description	This gene encodes a glycosyl hydrolase that localizes to the Golgi and catalyzes the final hydrolytic step in the asparagine-linked oligosaccharide (N-glycan) maturation pathway. Mutations in the mouse homolog of this gene have been shown to cause a systemic autoimmune disease similar to human systemic lupus erythematosus. [provided by RefSeq, Dec 2013]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	MAN2A1 mannosidase, alpha, class 2A, member 1 [Homo sapiens]
Official Symbol	MAN2A1
Synonyms	MAN2A1; mannosidase, alpha, class 2A, member 1; MANA2; alpha-mannosidase 2; golgi integral membrane protein 7; GOLIM7; man II; AMan II; Golgi alpha-mannosidase II; mannosidase, alpha type II; mannosyl-oligosaccharide 1,3-1,6-alpha-mannosidase; MANII;

Entrez Gene ID	4124
mRNA Refseq	NM_002372
Protein Refseq	NP_002363
UniProt ID	Q16706
Chromosome Location	5
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 antennae elongation in the medial/trans-Golgi, organism-specific biosystem; N-glycan biosynthesis, complex type, organism-specific biosystem;
Function	alpha-mannosidase activity; carbohydrate binding; hydrolase activity, hydrolyzing N-glycosyl compounds; mannosyl-oligosaccharide 1,3-1,6-alpha-mannosidase activity; metal ion binding; zinc ion binding;
