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MAN1A2 Blocking Peptide (Center)

Synthetic peptide
Catalog # BP22014c

Specification

MAN1A2 Blocking Peptide (Center) - Product Information

Primary Accession O60476

MAN1A2 Blocking Peptide (Center) - Additional Information

Gene ID 10905

Other Names
Mannosyl-oligosaccharide 1, 2-alpha-mannosidase IB, 3.2.1.113, Mannosidase alpha class 1A member 2, Processing alpha-1, 2-mannosidase IB, Alpha-1, 2-mannosidase IB, MAN1A2, MAN1B

Target/Specificity
The synthetic peptide sequence is selected from aa 362-373 of HUMAN MAN1A2

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

MAN1A2 Blocking Peptide (Center) - Protein Information

Name MAN1A2

Synonyms MAN1B

Function
Involved in the maturation of Asn-linked oligosaccharides. Progressively trim alpha-1,2-linked mannose residues from Man(9)GlcNAc(2) to produce Man(5)GlcNAc(2).

Cellular Location
Golgi apparatus membrane; Single-pass type II membrane protein

Tissue Location
Highest levels of expression in placenta and testis

MAN1A2 Blocking Peptide (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

MAN1A2 Blocking Peptide (Center) - Images

MAN1A2 Blocking Peptide (Center) - Background

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MAN1A2 Blocking Peptide (Center) - References

Tremblay L.O.,et al.Glycobiology 8:585-595(1998).
Gregory S.G.,et al.Nature 441:315-321(2006).
Bienvenut W.V.,et al.Mol. Cell. Proteomics 11:M111.015131-M111.015131(2012).
Van Damme P.,et al.Proc. Natl. Acad. Sci. U.S.A. 109:12449-12454(2012).