MED10 Blocking Peptide – The purity is >90%,tested by HPLC and MS. Purity

PRODUCT OVERVIEW

Product Name	MED10, Blocking Peptide
Full Product Name	MED10 Blocking Peptide
Product Gene Name	MED10 blocking peptide
Product Synonym Names	L6; med10; MED10_HUMAN; Mediator complex subunit 10; Mediator of RNA polymerase II transcription subunit 10; Mediator of RNA polymerase II transcription, subunit 10 homolog; NUT2; Transformation-related gene 17 protein; Transformation-related gene 20 protein; Transformation-related protein 17; Transformation-related protein 20; TRG-17; TRG-20; TRG17; TRG20
Form/Format	Synthetic peptide was lyophilized with 100% acetonitrile and is supplied as a powder. Reconstitute with 0.1 ml DI water for a final concentration of 10 mg/ml.
Purity/Purification	The purity is >90%,tested by HPLC and MS.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.
Antibody/Peptide Pairs	MED10 peptide (MBS9621844) is used for blocking the activity of MED10 antibody (MBS9611891)
Molecular Weight	15,688 Da
OMIM	612382
Supply Chain Verification	Manufactured in a lab with traceable raw materials manufactured on site. Coordinated product portfolio of antibodies, pairs, conjugates, recombinant proteins, and immunoassay materials available, please inquire.
Notes	For phospho antibody, we provide phospho peptide (0.5mg) and non-phospho peptide (0.5mg)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for MED10 blocking peptide	Blocking/Control
Related Product Information for MED10 blocking peptide	Blocking peptides are peptides that bind specifically to the target antibody and block antibody binding. These peptide usually contains the epitope recognized by the antibody. Antibodies bound to the blocking peptide no longer bind to the epitope on the target protein. This mechanism is useful when non-specific binding is an issue, for example, in Western blotting (immunoblot) and immunohistochemistry (IHC). By comparing the staining from the blocked antibody versus the antibody alone, one can see which staining is specific; Specific binding will be absent from the western blot or immunostaining performed with the neutralized antibody.
Other Notes	Small volumes of MED10 blocking peptide vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for MED10 purchase	MBS9621844 is a blocking peptide targeting MED10.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MED10. It may not necessarily be applicable to this product.

NCBI GI #	49227854
NCBI GeneID	84246
NCBI Accession #	NP_115662.2
UniProt Primary Accession #	Q9BTT4

UniProt Secondary Accession #	C6G491
UniProt Related Accession #	Q9BTT4
GenBank Nucleotide #	NP_115662.2
NCBI Official Full Name	mediator of RNA polymerase II transcription subunit 10
NCBI Official Synonym Full Names	mediator complex subunit 10
NCBI Official Symbol	MED10
NCBI Official Synonym Symbols	L6; NUT2; TRG20
UniProt Protein Name	Mediator of RNA polymerase II transcription subunit 10
UniProt Synonym Protein Names	Mediator complex subunit 10; Transformation-related gene 17 protein; TRG-17; Transformation-related gene 20 protein; TRG-20
Protein Family	Putative mediator of RNA polymerase II transcription
UniProt Gene Name	MED10
UniProt Synonym Gene Names	L6; TRG17; TRG20; TRG-17; TRG-20
UniProt Entry Name	MED10_HUMAN
NCBI Protein Information	mediator of RNA polymerase II transcription subunit 10; TRG-17; TRG-20; transformation-related gene 17 protein; transformation-related gene 20 protein; mediator of RNA polymerase II transcription, subunit 10
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