MRPS15 Blocking Peptide – The purity is >90%,tested by HPLC and MS. Purity

PRODUCT OVERVIEW

Product Name	MRPS15, Blocking Peptide
Full Product Name	MRPS15 Blocking Peptide
Product Gene Name	MRPS15 blocking peptide
Product Synonym Names	28S ribosomal protein S15; 28S ribosomal protein S15, mitochondrial [Precursor]; DC37; FLJ11564; mitochondrial; mitochondrial ribosomal protein S15; MPR S15; MRP-S15; MRPS15; RPMS15; RT15_HUMAN; S15mt
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	MRPS15 peptide (MBS9628116) is used for blocking the activity of MRPS15 antibody (MBS9609412)
Molecular Weight	29,842 Da
OMIM	611979
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 MRPS15 blocking peptide	Blocking/Control
Related Product Information for MRPS15 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 MRPS15 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 MRPS15 purchase	MBS9628116 is a blocking peptide targeting MRPS15.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MRPS15. It may not necessarily be applicable to this product.

NCBI GI #	16554611
NCBI GeneID	64960
NCBI Accession #	NP_112570.2
UniProt Primary Accession #	P82914
UniProt Secondary Accession #	Q9H2K1; B2RD82

UniProt Related Accession #	P82914
GenBank Nucleotide #	NM_031280.3
NCBI Official Full Name	28S ribosomal protein S15, mitochondrial
NCBI Official Synonym Full Names	mitochondrial ribosomal protein S15
NCBI Official Symbol	MRPS15
NCBI Official Synonym Symbols	DC37; S15mt; RPMS15; MPR-S15
UniProt Protein Name	28S ribosomal protein S15, mitochondrial
Protein Family	28S ribosomal protein
UniProt Gene Name	MRPS15
UniProt Synonym Gene Names	RPMS15; DC37; MRP-S15; S15mt
UniProt Entry Name	RT15_HUMAN
NCBI Protein Information	28S ribosomal protein S15, mitochondrial; MRP-S15
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