TBC1D23 Blocking Peptide – The purity is >90%,tested by HPLC and MS. Purity

PRODUCT OVERVIEW

Product Name	TBC1D23, Blocking Peptide
Full Product Name	TBC1D23 Blocking Peptide
Product Gene Name	TBC1D23 blocking peptide
Product Synonym Names	DKFZp667G062; FLJ11046; HCV non-structural protein 4A-transactivated protein 1; NS4ATP1; TBC1 domain family member 23; TBC1D23; TBC23_HUMAN
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	TBC1D23 peptide (MBS9621189) is used for blocking the activity of TBC1D23 antibody (MBS9603712)
Molecular Weight	76,501 Da
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 TBC1D23 blocking peptide	Blocking/Control
Related Product Information for TBC1D23 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 TBC1D23 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 TBC1D23 purchase	MBS9621189 is a blocking peptide targeting TBC1D23.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TBC1D23. It may not necessarily be applicable to this product.

NCBI GI #	312837064
NCBI GeneID	55773
NCBI Accession #	NP_001186127.1
UniProt Primary Accession #	Q9NUY8
UniProt Secondary Accession #	Q8TCN8; Q8WUB7; Q96D90; Q9NV75; B9A6M5
UniProt Related Accession #	Q9NUY8

GenBank Nucleotide #	NM_001199198.2
NCBI Official Full Name	TBC1 domain family member 23 isoform 1
NCBI Official Synonym Full Names	TBC1 domain family, member 23
NCBI Official Symbol	TBC1D23
NCBI Official Synonym Symbols	NS4ATP1
UniProt Protein Name	TBC1 domain family member 23
UniProt Synonym Protein Names	HCV non-structural protein 4A-transactivated protein 1
Protein Family	TBC1 domain family
UniProt Gene Name	TBC1D23
UniProt Synonym Gene Names	NS4ATP1
UniProt Entry Name	TBC23_HUMAN
NCBI Protein Information	TBC1 domain family member 23
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