DCUN1D5 Blocking Peptide – The purity is >90%,tested by HPLC and MS. Purity

PRODUCT OVERVIEW

Product Name	DCUN1D5, Blocking Peptide
Full Product Name	DCUN1D5 Blocking Peptide
Product Gene Name	DCUN1D5 blocking peptide
Product Synonym Names	DCN1, defective in cullin neddylation 1, domain containing 5; DCN1-like protein 5; DCUN1 domain-containing protein 5; defective in cullin neddylation protein 1-like protein 5; RP11-690D19.3
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	DCUN1D5 peptide (MBS9621300) is used for blocking the activity of DCUN1D5 antibody (MBS9611347)
Molecular Weight	27,508 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 DCUN1D5 blocking peptide	Blocking/Control
Related Product Information for DCUN1D5 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 DCUN1D5 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 DCUN1D5 purchase	MBS9621300 is a blocking peptide targeting DCUN1D5.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DCUN1D5. It may not necessarily be applicable to this product.

NCBI GI #	14150015
NCBI GeneID	84259
NCBI Accession #	NP_115675.1
UniProt Primary Accession #	Q9BTE7
UniProt Secondary Accession #	Q3ZTT2
UniProt Related Accession #	Q9BTE7

GenBank Nucleotide #	NP_115675.1
NCBI Official Full Name	DCN1-like protein 5
NCBI Official Synonym Full Names	DCN1, defective in cullin neddylation 1, domain containing 5
NCBI Official Symbol	DCUN1D5
UniProt Protein Name	DCN1-like protein 5
UniProt Synonym Protein Names	DCUN1 domain-containing protein 5; Defective in cullin neddylation protein 1-like protein 5
Protein Family	DCN1-like protein
UniProt Gene Name	DCUN1D5
UniProt Entry Name	DCNL5_HUMAN
NCBI Protein Information	DCN1-like protein 5; DCUN1 domain-containing protein 5; defective in cullin neddylation protein 1-like protein 5
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