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

PRODUCT OVERVIEW

Product Name	CENPL, Blocking Peptide
Full Product Name	CENPL Blocking Peptide
Product Gene Name	CENPL blocking peptide
Product Synonym Names	C1orf155; CENP-L; CENPL; CENPL_HUMAN; Centromere protein L; dJ383J4.3; FLJ31044; FLJ31786; Interphase centromere complex protein 33; OTTHUMP00000032689; OTTHUMP00000032690; OTTHUMP00000032691; RP3-383J4.1
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	CENPL peptide (MBS9622562) is used for blocking the activity of CENPL antibody (MBS9603844)
Molecular Weight	38,998 Da
OMIM	611503
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 CENPL blocking peptide	Blocking/Control
Related Product Information for CENPL 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 CENPL 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 CENPL purchase	MBS9622562 is a blocking peptide targeting CENPL.

ADDITIONAL DETAILS

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

NCBI GI #	187608508
NCBI GeneID	91687
NCBI Accession #	NP_001120653.1
UniProt Primary Accession #	Q8N0S6
UniProt Secondary Accession #	Q5TEL5; Q96ND4

UniProt Related Accession #	Q8N0S6
GenBank Nucleotide #	NM_001127181.2
NCBI Official Full Name	centromere protein L isoform 1
NCBI Official Synonym Full Names	centromere protein L
NCBI Official Symbol	CENPL
NCBI Official Synonym Symbols	CENP-L; C1orf155; dJ383J4.3
UniProt Protein Name	Centromere protein L
UniProt Synonym Protein Names	Interphase centromere complex protein 33
Protein Family	Centromere protein
UniProt Gene Name	CENPL
UniProt Synonym Gene Names	C1orf155; ICEN33; CENP-L
UniProt Entry Name	CENPL_HUMAN
NCBI Protein Information	centromere protein L; interphase centromere complex protein 33
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