CORO1B Peptide - C-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	CORO1B, Blocking Peptide
Full Product Name	CORO1B Peptide - C-terminal region
Product Gene Name	CORO1B blocking peptide
Product Synonym Gene Name	CORONIN-2
Sequence	Synthetic peptide located within the following region: KPSPPYLGLL LAATGNLNAY LQQGCKLSSS DRYSDASDDS FSEPRIAELE
Species Reactivity	Human
Form/Format	Lyophilized powder
Preparation and Storage	Add 100ul of sterile PBS. Final peptide concentration is 1 mg/ml in PBS. For longer periods of storage, store at -20 degree C. Avoid repeat freeze-thaw cycles.
Antibody/Peptide Pairs	CORO1B peptide (MBS3246813) is used for blocking the activity of CORO1B antibody (MBS3222109)
Molecular Weight	53 kDa
Product Categories/Family for CORO1B blocking peptide	Peptide
Related Product Information for CORO1B blocking peptide	This is a synthetic peptide designed for use in combination with anti- CORO1B Antibody, made Target Description: Members of the coronin family, such as CORO1B, are WD repeat-containing actin-binding proteins that regulate cell motility.
Other Notes	Small volumes of CORO1B 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 CORO1B purchase	MBS3246813 is a blocking peptide targeting CORO1B. Also known as CORO1B Peptide - C-terminal region. Reactive in Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CORO1B. It may not necessarily be applicable to this product.

NCBI GI #	65787364
NCBI GeneID	57175
NCBI Accession #	NP_001018080.1
UniProt Primary Accession #	Q9BR76
UniProt Related Accession #	Q9BR76
GenBank Nucleotide #	NM_001018070.2
NCBI Official Full Name	coronin-1B
NCBI Official Synonym Full Names	coronin 1B
NCBI Official Symbol	CORO1B
NCBI Official Synonym Symbols	CORONIN-2

UniProt Protein Name	Coronin-1B
UniProt Synonym Protein Names	Coronin-2
Protein Family	Coronin
UniProt Gene Name	CORO1B
NCBI Protein Information	coronin-1B
NCBI Summary for CORO1B	Members of the coronin family, such as CORO1B, are WD repeat-containing actin-binding proteins that regulate cell motility (Cai et al., 2005 [PubMed 16027158]).[supplied by OMIM, Mar 2008]
UniProt Comments for CORO1B	Regulates leading edge dynamics and cell motility in fibroblasts. May be involved in cytokinesis and signal transduction ().
Research Articles on CORO1B	**1.** VEGF-activated p38alpha phosphorylates coronin 1B at Ser2 and activates the Arp2/3 complex by liberating it from coronin 1B.
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