CCPG1 Blocking Peptide

PRODUCT OVERVIEW

Product Name	CCPG1, Blocking Peptide
Full Product Name	CCPG1 Peptide
Product Gene Name	CCPG1 blocking peptide
Product Synonym Gene Name	CPR8; KIAA1254
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	CCPG1 peptide (MBS3233196) is used for blocking the activity of CCPG1 antibody (MBS3208233)
Molecular Weight	34kDa
OMIM	611326
Product Categories/Family for CCPG1 blocking peptide	Peptide
Applications Tested/Suitable for CCPG1 blocking peptide	Western Blot (WB)
Related Product Information for CCPG1 blocking peptide	This is a synthetic peptide designed for use in combination with anti-CCPG1 antibody made Target Description: CCPG1 acts as an assembly platform for Rho protein signaling complexes. It limits guanine nucleotide exchange activity of MCF2L toward RHOA, which results in an inhibition of both its transcriptional activation ability and its transforming activity. It does not inhibit activity of MCF2L toward CDC42, or activity of MCF2 toward either RHOA or CDC42. It may be involved in cell cycle regulation.
Other Notes	Small volumes of CCPG1 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 CCPG1 purchase	MBS3233196 is a blocking peptide targeting CCPG1. Also known as CCPG1 Peptide.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CCPG1. It may not necessarily be applicable to this product.

NCBI GI #	118600851
NCBI GeneID	9236
NCBI Accession #	AAH29398
UniProt Primary Accession #	Q9ULG6
UniProt Related Accession #	Q9ULG6
GenBank Nucleotide #	NM_001204450
NCBI Official Full Name	CCPG1 protein, partial
NCBI Official Synonym Full Names	cell cycle progression 1
NCBI Official Symbol	CCPG1

NCBI Official Synonym Symbols	CPR8
UniProt Protein Name	Cell cycle progression protein 1
UniProt Synonym Protein Names	Cell cycle progression restoration protein 8
Protein Family	Cell cycle progression protein
UniProt Gene Name	CCPG1
UniProt Synonym Gene Names	CCP8; CPR8; KIAA1254
UniProt Entry Name	CCPG1_HUMAN
NCBI Protein Information	cell cycle progression protein 1
Research Articles on CCPG1	**1.** identification of cell-cycle progression gene 1 (CCPG1), an ER-resident protein, as a non-canonical cargo receptor that directly binds to core autophagy proteins via an LIR motif to mammalian ATG8 proteins and, independently and via a discrete motif, to FIP200.
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