PARC Blocking Peptide

PRODUCT OVERVIEW

Product Name	PARC (CUL9), Blocking Peptide
Full Product Name	PARC Peptide
Product Gene Name	CUL9 blocking peptide
Product Synonym Names	PARC; H7AP1; KIAA0708; PARC; Cullin-9; UbcH7-associated protein 1; CUL-9; cullin 9
Form/Format	Liquid
Concentration	200 ug/mL (lot specific)
Preparation and Storage	Store PARC peptide at -20 degree C, stable for one year.
Antibody/Peptide Pairs	PARC peptide (MBS152252) is used for blocking the activity of PARC antibody (MBS151540)
Molecular Weight	268,362 Da
OMIM	607489
Species	Human
Buffer	PBS pH 7.2 (10 mM NaH2PO4, 10 mM Na2HPO4, 130 mM NaCl) containing 0.1% bovine serum albumin and 0.02% sodium azide
Location	15 amino acids near the center of human Hrk.
Applications Tested/Suitable for CUL9 blocking peptide	Blocking (BL)
Application Notes for CUL9 blocking peptide	PARC peptide is used for blocking activity of PARC antibody.
Related Product Information for CUL9 blocking peptide	MBS152252 is a blocking peptide targeting CUL9. Also known as PARC Peptide.
Other Notes	Small volumes of CUL9 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CUL9. It may not necessarily be applicable to this product.

NCBI GI #	24307991
NCBI GeneID	23113
NCBI Accession #	NP_055904
UniProt Primary Accession #	Q8IWT3
UniProt Secondary Accession #	O75188; Q5TCY3; Q68CP2; Q68D92; Q8N3W9; Q9BU56
UniProt Related Accession #	Q8IWT3
GenBank Nucleotide #	NM_015089.3
NCBI Official Full Name	cullin-9

NCBI Official Synonym Full Names	cullin 9
NCBI Official Symbol	CUL9
NCBI Official Synonym Symbols	PARC; H7AP1
UniProt Protein Name	Cullin-9
UniProt Synonym Protein Names	UbcH7-associated protein 1; p53-associated parkin-like cytoplasmic protein
Protein Family	Cullin
UniProt Gene Name	CUL9
UniProt Synonym Gene Names	H7AP1; KIAA0708; PARC; CUL-9
UniProt Entry Name	CUL9_HUMAN
NCBI Protein Information	cullin-9; CUL-9; UbcH7-associated protein 1; parkin-like cytoplasmic p53 binding protein; p53-associated parkin-like cytoplasmic protein
UniProt Comments for CUL9	PARC: Cytoplasmic anchor protein in p53-associated protein complex. Regulates the subcellular localization of p53 and subsequent function. Seems to be part of an atypical cullin-RING- based E3 ubiquitin-protein ligase complex. In vitro, complexes of CUL9/PARC with either CUL7 or TP53 contain E3 ubiquitin-protein ligase activity. Belongs to the cullin family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Ubiquitin conjugating system; EC 6.3.2.-; Ubiquitin ligase; Ligase Chromosomal Location of Human Ortholog: 6p21.1 Cellular Component: cullin-RING ubiquitin ligase complex; cytoplasm Molecular Function: protein binding; zinc ion binding; ubiquitin protein ligase binding; ATP binding Biological Process: ubiquitin-dependent protein catabolic process; regulation of mitosis; protein ubiquitination; microtubule cytoskeleton organization and biogenesis
Research Articles on CUL9	**1.** the regulation of p53 subcellular localization and apoptosis by PARC as a contributing factor in CDDP resistance in OVCA cells and Ca(2+)/calpain in PARC post-translational processing and chemosensitivity.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/cul9-blocking-peptide/parc/152252