PCNA-Interacting Partner (PARPBP) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	PCNA-interacting partner (PARPBP), Recombinant Protein
Full Product Name	Recombinant Human PCNA-interacting partner (PARPBP)
Product Gene Name	PARPBP recombinant protein
Product Synonym Gene Name	PARPBP
Sequence	MAVFNQKSVS DMIKEFRKNW RALCNSERTT LCGADSMLLA LQLSMAENNK QHSGEFTVSL SDVLLTWKYL LHEKLNLPVE NMDVTDHYED VRKIYDDFLK NSNMLDLIDV YQKCRALTSN CENYNTVSPS QLLDFLSGKQ YAVGDETDLS IPTSPTSKYN RDNEKVQLLA RKIIFSYLNL LVNSKNDLAV AYILNIPDRG LGREAFTDLK HAAREKQMSI FLVATSFIRT IELGGKGYAP PPSDPLRTHV KGLSNFINFI DKLDEILGEI PNPSIAGGQI LSVIKMQLIK GQNSRDPFCK AIEEVAQDLD LRIKNIINSQ EGVVALSTTD ISPARPKSHA INHGTAYCGR DTVKALLVLL DEEAANAPTK NKAELLYDEE NTIHHHGTSI LTLFRSPTQV NNSIKPLRER ICVSMQEKKI KMKQTLIRSQ FACTYKDDYM ISKDNWNNVN LASKPLCVLY MENDLSEGVN PSVGRSTIGT SFGNVHLDRS KNEKVSRKST SQTGNKSSKR KQVDLDGENI LCDNRNEPPQ HKNAKIPKKS NDSQNRLYGK LAKVAKSNKC TAKDKLISGQ AKLTQFFRL
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	34,399 Da
Sequence Positions	1-579, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
OMIM	613687
3D Structure	ModBase 3D Structure for Q9NWS1
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for PARPBP recombinant protein	MBS1403509 is a recombinant protein targeting PARPBP. Also known as Recombinant Human PCNA-interacting partner (PARPBP). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of PARPBP recombinant protein 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 PARPBP. It may not necessarily be applicable to this product.

NCBI GI #	987437895

NCBI GeneID	55010
NCBI Accession #	NP_001306917.1
UniProt Primary Accession #	Q9NWS1
UniProt Secondary Accession #	Q05C00; Q499L8; Q4FZA0; Q4KMW7; Q6NSC6; Q6PJA1; Q86W36; B4E0Y0
UniProt Related Accession #	Q9NWS1
GenBank Nucleotide #	NM_001319988.1
NCBI Official Full Name	PCNA-interacting partner isoform 1
NCBI Official Synonym Full Names	PARP1 binding protein
NCBI Official Symbol	PARPBP
NCBI Official Synonym Symbols	AROM; PARI; C12orf48
UniProt Protein Name	PCNA-interacting partner
UniProt Synonym Protein Names	PARP-1 binding protein; PARP1-binding protein; PARPBP
Protein Family	PCNA-interacting partner
UniProt Gene Name	PARPBP
UniProt Synonym Gene Names	C12orf48; PARI; PARI; PARPBP
NCBI Protein Information	PCNA-interacting partner
UniProt Comments for PARPBP	Required to suppress inappropriate homologous recombination, thereby playing a central role DNA repair and in the maintenance of genomic stability. Antagonizes homologous recombination by interfering with the formation of the RAD51-DNA homologous recombination structure. Binds single-strand DNA and poly(A) homopolymers. Positively regulate the poly(ADP-ribosyl)ation activity of PARP1; however such function may be indirect.
Research Articles on PARPBP	**1.** PARI is a latent modulator of stalled fork processing, which is required for stable genome inheritance under both endogenous and exogenous replication stress
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