

Datasheet for ABIN7550661
PARPBP Protein (AA 1-579) (His tag)



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Overview

Quantity:	1 mg
Target:	PARPBP
Protein Characteristics:	AA 1-579
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PARPBP protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat PARPBP Protein expressed in mammalian cells.
Sequence:	MAVFNQKSVS DMIKEFRKNW RALCNSERTT LCGADSMMLLA LQLSMAENNK QHSGEFTVSL SDVLLTWKYL LHEKLNLPVE NMDVTDHYED VRKIYDDFLK NSNMLDLIDV YQKCRALTSN CENYNTVSPS QLLDFLSGKQ YAVGDETDLS IPTSPTSKYN RDNEKVQLLA RKIIFSYYLNL LVNSKNDLAV AYILNIPDRG LGREAFTDLK HAAREKQMSI FLVATSFIRT IELGKGKYAP PPSDPLRTHV KGLSNFINFI DKLDEILGEI PNPSIAGGQI LSVIKMQLIK GQNSRDPFCK AIEEVAQQLD LRIKNIINSQ EGVVALSTTD ISPARPKSHA INHGTAICYGR DTVKALLVLL DEEAANAPTK NKAELLYDEE NTIHHHGTSI LTLFRSPTQV NNSIKPLRER ICVSMQEKKI KMKQTLIRSQ FACTYKDDYM ISKDNWNNVN LASKPLCVLY MENDLSEGVN PSVGRSTIGT SFGNVHLDRS KNEKVSRSKST SQTGNKSSKR KQVDLDGENI LCDNRNEPPQ HKNKIPKKS NDSQNRLYGK LAKVAKSNKC TAKDKLISGQ AKLTQFFRL Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity

Product Details

of the protein could make another tag necessary. In case you have a special request, please contact us.

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

PARPBP

Alternative Name:

PARPBP ([PARPBP Products](#))

Background:

PCNA-interacting partner (PARI) (PARP-1 binding protein) (PARP1-binding protein) (PARPBP),FUNCTION: 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. {ECO:0000269|PubMed:20931645, ECO:0000269|PubMed:22153967}.

Molecular Weight:

65.1 kDa

UniProt:

[Q9NWS1](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
