

Datasheet for ABIN7557932  
**PARPBP Protein (AA 1-573) (His tag)**



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## Overview

Quantity:	1 mg
Target:	PARPBP
Protein Characteristics:	AA 1-573
Origin:	Mouse
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 mammalien cells.
Sequence:	MAVLNQLPVL GMIKEFRRSW RALCSSERTT LCGPDSMLLA LQLSMAENNK QHRGEFTVCL SDVLLTWKYF LHEKLNLPPIE NMKVVEHYED IKKTYDDFLK NSNTLDLIDV YKKCSSLTSN YENNMIPIQ LRDFLSGTEY AVSDEANPHM PESPVKCSQN DEQVRVLVKK IFFSYLSLLV NSKNDLALAS ILNIPDRGLG REAFTNLKHA AREKQLSMFL MATSFIRTLE LGGKGYAPSP SDPLWAHVKG LSEFINFIDK LDEILGKIPN PSLAGSRILS AIKMQLIKGH SSGEPFYKAV EEVVQDLNLR IKNIINSQEG VAVSANNISP VPPKSFAINH DTAYCGRDAV KILLVLLDED AASAPTRNKA ELLYNDESTV PHSGPSVLTL FRSPTEKNT SVKPLRERIH KSLQTEKNKM WQTLIRSQFA CTYKDDCIMS KNKWHVNSSS KPLSALHLED DVSEGAQSSV GKARIEASSE NAHVGRWKGD KLPRKSTQRQ ISKGGQLDLD SENLHCDRGN ELYQHKNIKI PKVPSGSHSK AGGKLAQGTK GNRCARGKL IPGQTKLTQF FML <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity</b>

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

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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.

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Purity:

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

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Grade:

custom-made

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## Target Details

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Target:

PARPBP

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Alternative Name:

Parpbp ([PARPBP Products](#))

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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 (By similarity). {ECO:0000250}.

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Molecular Weight:

64.1 kDa

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UniProt:

[Q6IRT3](#)

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## Application Details

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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.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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