

Datasheet for ABIN7550580  
**PCBP1 Protein (AA 1-356) (His tag)**



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## Overview

Quantity:	1 mg
Target:	PCBP1
Protein Characteristics:	AA 1-356
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PCBP1 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant PCBP1 Protein expressed in mammalian cells.
Sequence:	MDAGVTESGL NVTLTIRLLM HGKEVGSIIG KKGESVKRIR EESGARINIS EGNCPERIIT LTGPTNAIFK AFAMIIDKLE EDINSSMTNS TAASRPPVTL RLVVPATQCG SLIGKGGCKI KEIRESTGAQ VQVAGDMLPN STERAITAG VPQSVTECVK QICLVMLETL SQSPQGRVMT IPYQPMPASS PVICAGGQDR CSDAAGYPHA THDLEGPPLD AYSIQGQHTI SPLDLAKLNQ VARQQSHFAM MHGGTG FAGI DSSSPEVKGY WASLDASTQT THELTIPNNL IGCIIQRQGA NINEIRQMSG AQIKIANPVE GSSGRQVTIT GSAASISLAQ YLINARLSSE KGMGCS <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

## Product Details

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- 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

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## Target Details

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Target:	PCBP1
Alternative Name:	PCBP1 ( <a href="#">PCBP1 Products</a> )
Background:	<p>Poly(rC)-binding protein 1 (Alpha-CP1) (Heterogeneous nuclear ribonucleoprotein E1) (hnRNP E1) (Nucleic acid-binding protein SUB2.3),FUNCTION: Single-stranded nucleic acid binding protein that binds preferentially to oligo dC (PubMed:7607214, PubMed:7556077, PubMed:8152927, PubMed:15731341). Together with PCBP2, required for erythropoiesis, possibly by regulating mRNA splicing (By similarity). {ECO:0000250 UniProtKB:P60335, ECO:0000269 PubMed:15731341, ECO:0000269 PubMed:7556077, ECO:0000269 PubMed:7607214, ECO:0000269 PubMed:8152927}., FUNCTION: (Microbial infection) In case of infection by poliovirus, plays a role in initiation of viral RNA replication in concert with the viral protein 3CD. {ECO:0000269 PubMed:12414943}.</p>
Molecular Weight:	37.5 kDa
UniProt:	<a href="#">Q15365</a>

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## Application Details

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Application Notes: We expect the protein to work for functional studies. 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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