

## Recombinant Human PCBP2 protein, His-tagged

**Cat. No.** PCBP2-1548H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human PCBP2 protein(1-362 aa), fused with N-terminal His tag, was expressed in E.coli.                                                                                                                                                                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 1-362 aa                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.                                                                                                           |
| <b>AASequence</b>       | MDTGVIEGGLNVTLTIRLLMHGKEVGSIIIGKKGESVKKMREESGARINISEGNCPERII<br>TLAGPTNAIFKAFAMIIDKLEEDISSMTNSTAASRPPVTLRLVVPASQCGSLIGKGGC<br>KIKEIRESTGAQVQVAGDMLPNSTERAITIAGIPQSIIECVKQICVVMLESPPKGVTIPY<br>RPKPSSSPVIFAGGQDRYSTGSDSASFHTTPSMCLNPDLEGPPLEAYTIQGQYAIP<br>QPDLTCLHQLAMQQSHFPMTHGNTGFSGIESSPEVKGYWAGLDASAQTTSELT<br>PNDLIGCIIGRQGAKINEIRQMSGAIKIANPVEGSTDRQVTITGSAASISLAQYLINVR<br>LSSETGGMGSS |
| <b>Purity</b>           | 80%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                                                                                                                      |
| <b>Storage</b>          | Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid                                                                                                                                                                                                                    |

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repeat freeze-thaw cycles.

#### Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

### GENE INFORMATION

#### Gene Name

PCBP2 poly(rC) binding protein 2 [ Homo sapiens ]

#### Official Symbol

PCBP2

#### Synonyms

PCBP2; poly(rC) binding protein 2; poly(rC)-binding protein 2; heterogenous nuclear ribonucleoprotein E2; hnRNP E2; HNRPE2; alpha-CP2; heterogeneous nuclear ribonucleoprotein E2; hnRNP-E2; MGC110998;

#### Gene ID

5094

#### mRNA Refseq

NM\_001098620

#### Protein Refseq

NP\_001092090

#### MIM

601210

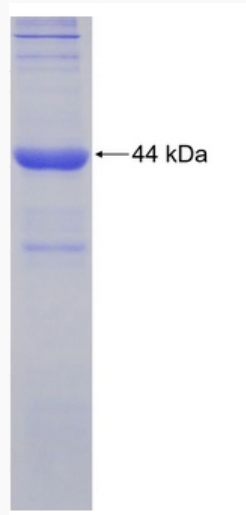
#### UniProt ID

Q15366

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**SDS-PAGE**

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