

# Recombinant Full Length Human PCBP3 Protein, C-Flag-tagged

**Cat. No.** PCBP3-1345HFL    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Human PCBP3 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | Mammalian Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Description</b>      | This gene encodes a member of the KH-domain protein subfamily. Proteins of this subfamily, also referred to as alpha-CPs, bind to RNA with a specificity for C-rich pyrimidine regions. Alpha-CPs play important roles in post-transcriptional activities and have different cellular distributions. The protein encoded by this gene lacks the nuclear localization signals found in other subfamily members. Alternative splicing results in multiple transcript variants encoding distinct isoforms. |
| <b>Form</b>             | 25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Molecular Mass</b>   | 39.3 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>AA Sequence</b>      | <p>MGEGDAFWAPSVLPSTLSTLSHHPQPQFGRRMESKVSEGGLNVTLTIRLLMHGKE</p> <p>VGSIIGKKGETVKK MREESGARINISEGNCPERIVTITGPTDAIFKAFAMIAYKFEEDII</p> <p>NSMSNSPATSKPPVTLRLVVPASQ CGSLIGKGGSKIKEIRESTGAQVQVAGDMLPN</p> <p>STERAVTISGTPDAIIQCVKQICVVMLESPPKGATIPY RPKPASTPVIFAGGQAYTIQG</p> <p>QYAIPHPDQLTKLHQLAMQQTPFPPLGQTNPAPFGEKLPLHSSEEAQNL MGQSSG</p> <p>LDASPPASTHELTIPNDLIGCIIGRQGTKINEIRQMSG AQIKIANATEGSSERQITITGTP</p>                                                                                          |

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|                      |                                                                                                                                               |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
|                      | ANI<br>SLAQYLINARLTSEVTGMGTLTRTRPLEQKLISEEDLAANDILDYKDDDDKV                                                                                   |
| <b>Purity</b>        | > 80% as determined by SDS-PAGE and Coomassie blue staining.                                                                                  |
| <b>Stability</b>     | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| <b>Storage</b>       | Store at -80 centigrade.                                                                                                                      |
| <b>Concentration</b> | >50 ug/mL as determined by microplate BCA method.                                                                                             |
| <b>Preparation</b>   | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.                              |
| <b>Full Length</b>   | Full L.                                                                                                                                       |

## GENE INFORMATION

|                        |                                                           |
|------------------------|-----------------------------------------------------------|
| <b>Gene Name</b>       | PCBP3 poly(rC) binding protein 3 [ Homo sapiens (human) ] |
| <b>Official Symbol</b> | PCBP3                                                     |
| <b>Synonyms</b>        | PCBP3OT; ALPHA-CP3; PCBP3-OT1                             |
| <b>Gene ID</b>         | 54039                                                     |
| <b>mRNA Refseq</b>     | NM_020528.3                                               |
| <b>Protein Refseq</b>  | NP_065389.2                                               |

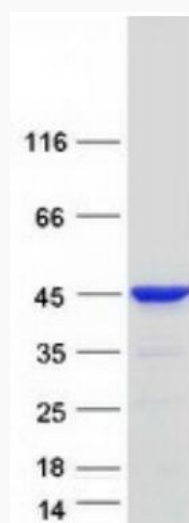
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MIM 608502

UniProt ID P57721



Coomassie blue staining of purified PCBP3 protein.

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