

Product datasheet for **MC209146**

Pcbp2 (NM_001174073) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pcbp2 (NM_001174073) Mouse Untagged Clone
Tag: Tag Free
Symbol: Pcbp2
Synonyms: alphaCP-2; AW412548; Hnrpx
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >NM_001174073.1
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGACACCGGTGTGATTGAAGGTGGATTAATGTCACCTCTACCATCAGGCTACTTATGCATGAAAGG
AAGTTGGCAGTATCATCGAAAGAAAGGAGAATCTGTTAAGAAGATGCGCGAGGAGAGTGGTGCACGTAT
CAACATCTCAGAAGGGAATTGTCTGAGAGAATTACACTTTGGCTGGACCGACTAATGCCATCTTCAAA
GCCTTTGCTATGATCATTGACAACTGGAAGAGGACATAAGCAGCTCTATGACCAATAGTACAGCTGCCA
GTAGACCCCGGTTACCTTACGGCTGGTGGTTCCTGCTAGTCAGTGTGGCTCTCTTATTGAAAAGGTGG
TTGCAAGATCAAGGAAATAAGAGAGAGTACAGGGGCTCAGGTCCAGGTGGCAGGGGATATGCTCCCCAAC
TCAACTGAGCGGGCAATCACTATTGCTGGCATTCCGCAGTCCATCATTGAGTGTGTCAAACAGATCTGCG
TGGTCAATGTTGGAGACTCTCTCCAGTCCCCCGAAGGGCGTGACCATCCCGTACCGGCCCAAGCCCTC
CAGTCTCCAGTCATCTTGCAGGTGGTCAGGCCATACCATTCAAGGACAGTATGCCATTCCACAGCCA
GATTTGACCAAGCTGCACCAGTTGGCAATGCAACAGTCTCATTTTCCATGACCCATGGCAACACCGGAT
TCAGTGCAGGTTTGGATGCATCTGCTCAAACACTTCTCATGAACCTACCATTCCAAATGATTTGATTGG
CTGCATAATCGGGCGTCAAGGCGCCAAAATCAATGAGATCCGTCAGATGTCTGGGCGCAGATCAAAT
GCAAACCCAGTGAAGGATCTACTGATCGGCAGGTTACCATCACTGGATCTGCTGCCAGCATTAGCCTGG
CTCAGTATCTAATCAATGTCAAGCTTCTCGGAGACAGGTGGCATGGGGAGCAGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001174073
Insert Size: 969 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001174073.1</u> , <u>NP_001167544.1</u>
RefSeq Size:	2724 bp
RefSeq ORF:	969 bp
Locus ID:	18521
Cytogenetics:	15 57.61 cM
Gene Summary:	<p>Single-stranded nucleic acid binding protein that binds preferentially to oligo dC. Major cellular poly(rC)-binding protein. Binds also poly(rU). Negatively regulates cellular antiviral responses mediated by MAVS signaling. It acts as an adapter between MAVS and the E3 ubiquitin ligase ITCH, therefore triggering MAVS ubiquitination and degradation (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (4) uses two alternate splice sites and lacks two alternate in-frame exons, compared to variant 1. The resulting isoform (4) differs at three regions, compared to isoform 1.</p>