

Product datasheet for **MG205429**

Pcbp1 (NM_011865) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pcbp1 (NM_011865) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Pcbp1
Synonyms: alphaCP-1; hnRNP E1; WBP17; [a]CP-1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG205429 representing NM_011865
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGACGCCGGTGTGACTGAAAGCGGACTCAACGTGACTCTCACCATTCCGGCTGCTGATGCACGGAAAGG
 AAGTAGGCAGCATCATCGGAAGAAAGGGGAGTCGGTGAAGAGGATCCGCGAGGAGAGCGGCGCGGGAT
 CAACATCTCGGAGGGAACTGCCCGAGAGGATCATCACGCTGACTGGGCTACCAATGCCATCTTTAAG
 GCCTTCGCCATGATCATCGACAAGCTGGAGGAAGATATCAACAGCTCCATGACCAACAGTACGGCGGCCA
 GCAGGCCCGGTCACACTTCGGCTGGTGTGCCCGCCACCCAGTGTGGCTCCCTGATCGGCAAGGGCGG
 CTGCAAGATCAAGGAGATCCGCGAGAGCACCGGGGCCAGGTCCAGGTGGCGGGGATATGCTGCCAAC
 TCGACCGAGCGGGCTATCACTATCGCCGGCTGCCGAGTCCGTACCGAGTGTGTGAAGCAGATCTGCC
 TGGTCATGCTGGAGACGCTCTCCAGTCTCCACAGGGGAGAGTCATGACCATCCCGTACCAGCCCATGCC
 GGCCAGCTCGCCAGTCATCTGCGCGGGCGGCAAGATCGCTGCAGCGACGCGGGGCTACCCCCACGCC
 ACCCAGCAGCTGGAGGGACCCTCTAGACGCCTACTCGATTCAAGGACAACACACCATTTCTCCGCTGG
 ATCTGGCCAAGCTGAACCAGGTGGCAAGACAACAGTCTCACTTTGCCATGATGCACGGCGGGACGGGATT
 CGCCGGAATTGACTCCAGCTCTCCAGAGGTGAAAGGCTATTGGCAAGTTTGGATGCATCTACTCAAACC
 ACCCATGAACTCACCATTCCAAATAACTTAATCGGCTGCATAATCGGGCGCAAGGCGCCAACATCAATG
 AGATCCGCCAGATGTCCGGGGCCAGATCAAAATTGCCAACCCGGTGGAAGGCTCTTCTGGAAGGCAGGT
 CACTATTACTGGCTCGGCTGCCAGTATTAGCCTGGCCAGTATCTAATCAATGCCAGGCTTCTCTGAG
 AAGGGGATGGGTGCAGC

ACCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG205429 representing NM_011865
Red=Cloning site Green=Tags(s)

MDAGVTESGLNVTLTIRLLMHGKEVGSIIIGKKGESVKRIREESGARINISEGNCPERIITLTGPTNAIFK
 AFAMIIDKLEEDINSSMTNSTAASRPPVTLRLVVPATQCGSLIGKGGCKIKEIRESTGAQVQVAGDMLPN
 STERAITIAGVPQSVTECVKQICLVMLETLQSPPQGRVMTIPYQMPASSPVICAGGQDRCSDAAGYPHA
 THDLEGPPLDAYSIQGQHTISPLDLAKLNQVARQQSHFAMMHGGTGFAGIDSSSPEVKGYWASLDASTQT
 THELTIPNNLIGCIIGRQGANINEIRQMSGAQIKIANPVEGSSGRQVTITGSAASISLAQYLINARLSSE
 KGMGCS

TRTRPLE - GFP Tag - V

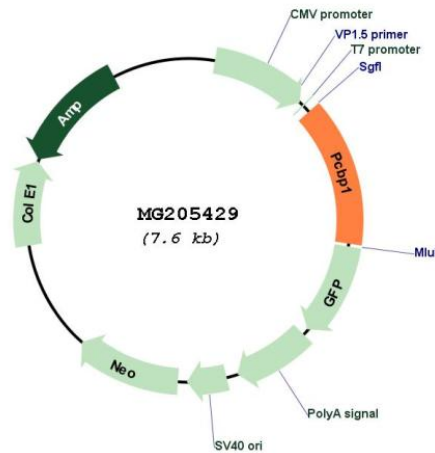
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_011865

ORF Size:	1068 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_011865.4
RefSeq Size:	1711 bp
RefSeq ORF:	1071 bp
Locus ID:	23983
UniProt ID:	P60335
Cytogenetics:	6 D1
Gene Summary:	Single-stranded nucleic acid binding protein that binds preferentially to oligo dC. [UniProtKB/Swiss-Prot Function]