

Product datasheet for **MG203165**

Pcbp3 (BC042440) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcbp3 (BC042440) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Pcbp3
Synonyms:	AlphaCP-3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG203165 representing BC042440 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAATCTAAGGTCTCGGAAGGTGGCCTGAACGTAACCCTGACCATCCGCCTACTGATGCATGGAAGG
AAGTTGGAAGCATCATCGGAAGAAAGGAGAAACAGTAAAGAAGATGCGTGAAGAGAGTGGCGCCAGGAT
CAACATCTCAGAGGAACTGCCAGAGAGAATCGTTACAATCACAGGCCAACTGACGCCATCTTCAAG
GCCTTTGCTATGATCGCGTACAAGTTTGAGGAGGACATCATTAAATCCATGAGCAACAGCCCTGCCACCA
GCAAGCCTCCAGTGACACTGCGACTAGTGGTCCCTGCCAGCCAGTGTGGTCCCTGATCGGCAAAGGTGG
CTCCAAGATCAAGGAGATCCGGGAGTCCACAGGTGCTCAGGTCCAGGTGGCAGGTGACATGCTGCCAAC
TCCACAGAGCGGGCAGTGACTATCTCAGGGACCCAGACGCCATCATCCAGTGTGTGAAACAGATCTGTG
TGGTCATGCTGGAGTCCCACCGAAAGGTGCCACCATTCCCTACCGCCAAAGCCCGCTCCACCCTGT
CATTTTTGAGGTGGTCAGGTAAGAGCCGACCCGCTCGCGCCTCCACTGCCAACCTCAGCCTTTTACTG
CAGCATCCGCGCTGCCCGCTACACAATCCAGGGACAGTACGCCATCCCCACCCAGATGTCTGGATGC
CAGCCCACCGGCCAGCACTCATGAGTCCACCATTCCCAATGATCTTA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG203165 representing BC042440
 Red=Cloning site Green=Tags(s)

MESKVS E G L N V L T I R L L M H G K E V G S I I G K K G E T V K K M R E E S G A R I N I S E G N C P E R I V T I T G P T D A I F K
 A F A M I A Y K F E E D I I N S M S N S P A T S K P P V T L R L V P A S Q C G S L I G K G G S K I K E I R E S T G A Q V Q V A G D M L P N
 S T E R A V T I S G T P D A I I Q C V K Q I C V V M L E S P P K G A T I P Y R P K P A S T P V I F A G G Q V R A D P L A A S T A N L S L L L
 Q H P P L P A Y T I Q G Q Y A I P H P D V W M P A H R P A L M S S P F P M I L

TRTRPLE - GFP Tag - V

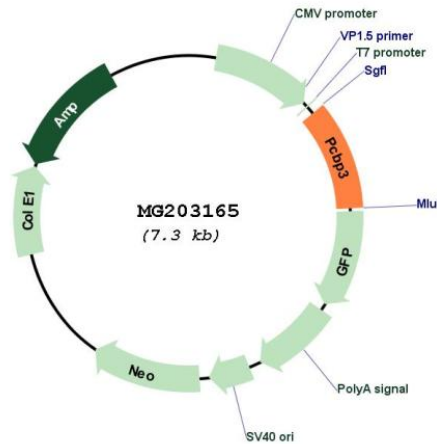
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: BC042440

ORF Size: 749 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:	BC042440 , AAH42440
RefSeq Size:	1800 bp
RefSeq ORF:	749 bp
Locus ID:	59093
Cytogenetics:	10 C1
Gene Summary:	Single-stranded nucleic acid binding protein that binds preferentially to oligo dC. [UniProtKB/Swiss-Prot Function]