

Product datasheet for MC205732

C4bp (NM_007576) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C4bp (NM_007576) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	C4bp
Synonyms:	A1195242; C4bpa
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC012257

```
GCTTGGCGTGGGTAGACTTCAGAAGCTTTTTGATGGAGCAAGTACTGGCCAGCTTTAGGATAATATGATC
AACTCTCATCTTGGGAGAACTAGTACAGTAGAGATCCAAGTACCACCACAGAGTCTTCTCTGCTATTG
CAGGTTTCTGGCAGAACAAATGTGTGCAAAGCAGCAGACCCCTGCTCCCCACAAGAGCTGCACATGG
GAGGCTTCATAGAAACAGAGATGCTGTGGCCTGGCCCTTTTCTACGCTCTGCAGAGTCTCTGGCCAACT
TTGTTCCAAATGACCTTTACTGCTGCTCTTGGGTTGCTGTATTTGGCAAATGTGGTCCACCACCTGCTA
TACCCAATGCCCTGCCAGCAAGTACGCGAATCGGACAGACTTCGAAAGTACACCACCCTGAAATACGA
ATGCCCTCCCTGGCTATGGTAGGGGAATATCAAGGATGATGGTTTACTGCAAACCTTCGGGAGAATGGGAG
ATTTCTGTCTCCTGTGCCAAAAACATTGCCGTAATCCAGGATATTTAGATAATGGATATGTAATGGAG
AGACTATCACTTTGGATCACAGATAGAATTCAGCTGCCAGGAAGGATTTATCTTAGTTGGCTCATCCAC
TAGTTCTGTGAGGTCCGAGGCAAAGGAGTTGCCTGGAGTAATCCTTTCCAGAATGTGTAATTGTAAG
TGTGGGCCCTCCAGACATCAGCAATGGGAAGCACAGTGGTACAGAAGACTTCTACCCATAAACCATG
GAATCTCTATACCTGTGATCCCGGCTTACGGCTCGTTGGCAGCCCTTCATAGGCTGCACTGTGGTGAA
CAAAACAGTACCTGTTGGAGCTCAAGCCCTCCTACCTGTGAAAAGATCATCTGTTCTCAGCCAAATATT
TTACATGGTGTAATTGTTTCTGGATATAAAGCTACCTATACACACAGAGACTCTGTTAGATTGGCCCTGCC
TGAATGGGACTGTCCTCAGAGGCAGACATGTCATCGAGTGTCAAGGTAATGGCAATTGGAGTTCTCTCCC
GACTTGTGAGTTCGACTGTGATTTACCGCTGCCATTGTCAATGGATATTATACTAGTATGGTCTACTCT
AAGATAACTCTGGTTACATATGAATGTGATAAAGGATACAGACTGGTTGAAAAGGCAATCATCTCCTGCA
GCTTTTCAAAGTGAAAAGGACAGCTCCACAGTGTAAAGCTCTATGTCAGAAAACAGAGGTAGGAAATGG
AACGCTGTCTGATGAGAAAGATCAGTATGTTGAGTCTGAAAATGTCACCATCCAATGTGACTCTGGCTTT
GCCATGCTGGGTTCCCAAAGCATCAGTTGTTCCAGAGAGTGAACCTGGTATCCAGAGGTGCCAGATGTG
AGCAGGAGGCCTCTGAAGACCTTAAGCCTGCGCTTACAGGCAACAAGACCATGCAGTATGTGCCAAATTC
ACACGATGTGAAAATGGCTCTGGAGATCTACAAGCTGACTCTGGAGGTTGAACTACTACAGCTCCAGATA
CAAAAGGAGAAAACACACTGAAGCACACTGACCGGGAGTTATGACTGTATGTTCTCTTAAGGAGGAAGTAG
CGTCTCATTGGCTTTCTGACTTCAGTTCCAACAGATTGCCTGCAGTTACCAACCTTTGTAATGCTGGCA
CCAATGTTTCATGATAATAAATATCTGCTTAGAATAATTCATTAATTATGTTATAATTAATAGGTAGTAAA
TCTATGAAACTATCAAAAAAAAAAAAAA
```



[View online >](#)

Restriction Sites:	RsrII-NotI
ACCN:	NM_007576
Insert Size:	1410 bp
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:	BC012257 , AAH12257
RefSeq Size:	1779 bp
RefSeq ORF:	1410 bp
Locus ID:	12269
UniProt ID:	P08607
Cytogenetics:	1 56.89 cM
Gene Summary:	Controls the classical pathway of complement activation. It binds as a cofactor to C3b/C4b inactivator (C3bINA), which then hydrolyzes the complement fragment C4b. It also accelerates the degradation of the C4bC2a complex (C3 convertase) by dissociating the complement fragment C2a. Alpha chain binds C4b. It interacts also with serum amyloid P component. [UniProtKB/Swiss-Prot Function]