

Product datasheet for **MC206791**

Gca (BC021450) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gca (BC021450) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gca
Synonyms:	5133401E04Rik; AI573844
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC021450
 CCACGCGTCCGCGCACCTGTGCGACGCACTTGCCTTTCCCGCTCTAAGCCGCGCTGACGCTGACTTAC
 TGGTGACGCGTTACTTTTCGATCGCTGGTCATGGCCTACCCGGGATACGGAGGGGCGTTTGGAACTTCA
 GTGGTCAGATTCCAGGCATGCAATGCAGATGGGCCAGCCAATGCCAGGGGCAGGTCCCAATATGTTCTC
 TGCAGCTACCTGGATACCTGGGTTATTCTGACAGCTACTCCCTGCCGACGACTCCATGTGGACTTAT
 TTCACAGCTGTTGCTGGTCAGGATGGTGGAGTGGATGCTGAGGAACTGCAGAGATGCTTGACCCAGTCTG
 GAATTAGTGGAACTTACGCACCTTTTCAGTTTGGAAACCTGCAGAATTATGATTGCCATGTTGGATAGAGA
 CTACACAGGAAAAATGGGGTTCAACGAATTCAGGAGCTTTGGCCGCTCTTAATGCCTGGAAGCAGAAC
 TTCATGACCATTGACCAAGATCAAAGTGGCACAGTAGAACATCATGAGCTGAGTCAAGCCATCGCTCTTA
 TGGGCTACAGGTTGAGTCCACAGACATTAGCTGCAATTGTGACGCTACAGCAAGAATGGCCGATTTT
 CTTTGATGACTATGTTGCCTGCTGTGTAAGCTGCGCGCCTGACAGATTTCTTAGCGAAGAGACCAC
 TTGCAACAAGGGATTGTGAATTCATGTATGAAGATTTTTGCAGGGCACTATGACAATTTGAAAGCCTA
 GCATTCAAAAGGCGGAGACAGACTGCGAATCCTTCTGCTTATTGAAACAGACTGGACTACCTAAAATTG
 AAAGCTCGCGGAACTGTTTTGTATACCTTCTGTGAAAGCTCCCGCCCTTCTGTTATTTAACCTTAAA
 GCACAGTTCAATGCAATAACTTTTTTATTGGAATATATTATTTTGGAAAAGTTATGACATTGCAGATA
 TATGCACGCTCTCTTGAATGTTGCTAATGGTATGTAGCTAACTGATCCCAGCATACCTGAGCCTTAGTT
 CTTAAACAATAAGCATAGCAGAATGTAGTCACATGACAGATTGTCTACTAAGCCAATAACGAAAGTCTA
 GATAAACTTTTTATATTACTAAAGGCTACAAGTTATACTTGTGATGTTGTTGTGTCTGTGGGTGTTTC
 TAGGAGTGAGTCAGAGGGGACAGCTGCACTTTGTGCTGCTTTTTGGGTTTTGATTAACCATCAGAGGAC
 ATAGCACATGTTTCGTGGCCAGTGAAGTGTAGTTCCTAAGACTTTATCGTCTTTGGGTCTGTCAGCCTAG
 AGTAGTAGTAGGTATTGTTTCACCTATTTTTATTGCATTATTTTTGTACAATATGTTTTATTGTCTTCC
 CACAATTGTTTTGTTTTCAACTTCTCTGTTTTTATTAGCTGTGTTTTGTGAGACAGGGTCTTTCTACA
 TAGCCCACTGTGACACAAATTCATGGTCTTCTTTCTTCCCTATTGTTGTAGAAAATCAAGACTTG
 CACACCCTTGCCCATACTAAAAATTCGAATGAAGATGCTTTTCTTTTCTTATTAGTGAAGGCCAGGTAAC
 CTAATAATGTCAACCGTCCCTGAATCCCGCAGCTCAGAGGAGCAGCACACATTAGTGTGGTTCAGCATT
 ATTCACGTTTGTTCAGTTAAAGCCAGGTTCTGCTCCTAGTTAATGGCAACAGTTTATAAAGCAAACCAAG
 TGATCTGCCTCTGTTAACTGTTCAAGAAATCTGTGTTGGATTGGTAGTATGGACTAATTTATGTGTGCT
 GTTTGT
 CTTATAAAATTATAAAATATCCTCCTCCTCCATTGTCCTACTCCCTTTCTCCTCTTCTTCTTTTCT
 CCCCTCTTTTCTCCTCTTCTTCTCCTCCTCCTCCTCCTCCTTCTTGTCCATAGGCAGTGTTTTTGG
 TGAATTTTCTATAGAGATTTTCAGTAGTACCAGGTTCTTTGCATTAAGTTGTCTGATCTAAGATGTCAG
 AGTTAATTTGGTTTCTGAATTTTCGTATATTTAACTGAATATTTCTAGCTGAATTTCTGATGCAATAG
 ATATAATTTTAGTGTAGCTGGTGACAAATTAATATTTAAGAAAGAACTCCATGATTTTTAAAAATATT
 TTTAAAAGAAAATCCACAAAAGTGAAGCTCTTTTTATAAATACAGAAAATTTAAAATCAGCTTTTACT
 TCAAAAAGATCCTGAAAAGGAAATGATGTCTAATCATTGATTTGATTTGATTACTATGTAACCTGCCATCAAT
 CTGGATACTTGGTTATTGTGTAAGAATAGATCAATGAATAATGCATACACATTGCTCTACATAGTCAG
 TAGCCTGAAGGAATATTAAGGGAACCATTAAGGTACAGAATCTGAAGCTGCATAGAAAACAGAAGCCA
 CACCATGATGTTGAAGTCATTGAGCAGTGTACACTCTAATGTATAAGTGTCTTTATTTATACAGTAAA
 CATGTTTCCATGTCATTTGAGAATTTTTAATAAACATTCAAAATAGCTTGCTGTAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: BC021450

Insert Size: 663 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:	<u>BC021450</u> , <u>AAH21450</u>
RefSeq Size:	2678 bp
RefSeq ORF:	663 bp
Locus ID:	227960
Cytogenetics:	2 C1.3
Gene Summary:	Calcium-binding protein that may play a role in the adhesion of neutrophils to fibronectin. May play a role in the formation of focal adhesions.[UniProtKB/Swiss-Prot Function]