

Product datasheet for MC204854

Gc (NM_008096) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gc (NM_008096) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gc
Synonyms:	DBP; VDB
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC051395
 GTGGCCGGCAGGTGAGAGGAGGTGCTGCAAGACTCTCTGGTCGCAGAATGAAGAGGGTTCTGGTTCTCCT
 GCTGGCCTTAGCCTTTGGGCACGCTCTAGAGAGAGGCCGAGACTATGAGAAGGATAAAGTTTGAATGAA
 CTCGCCATGCTGGGAAAGAGGACTTCAGATCTTTATCACTAATCCTATATAGCAGGAAGTTTTCCAGTA
 GCACATTTGAGCAGGTCAACCAGCTTGTGAAGGAAGTTGTCTCCTTGACTGAGGAGTGCTGTGCTGAGGG
 AGCTGACCCACCTGCTACGACACCAGGACCTCAGAGCTGTCTGTTAAGTCTGTGAAAGTGATGCTCCC
 TTTCCGGTTCACCCTGGAACCTCTGAGTGTGCACCAAGGAGGGGCTGGAGCGGAAACTCTGCATGGCTG
 CCCTCAGTCACCAGCCGAGGAATTTCCACCTACGTGGAACCAACAAATGATGAGATCTGTGAGGCCTT
 CAGGAGGGACCCAAAGGGATTTGCTGACCAGTTTCTGTATGAGTATTCCAGCAATTATGGACAAGCGCT
 CTGCCACTTTTAGTTGCTTACACCAAGAATTATCTCTATGGTTGGATCCTGCTGTACTTCTGCAAAC
 CAACTGTATGCTTTGTGAAGGAGAGACTCCAGATGAAGCATTGTCACTTCTCACCACCATGTCAAACAG
 AGTCTGCTCACAATATGCTGCATATGGAAAGGAAAAATCAAGGCTGAGCCATCTCATAAAACTAGCCCAA
 AAAGTGCCAACCTGCTAACCTGGAGAACGTTCTGCCACTAGCTGAAGACTTTACTGAAATCCTGTCCAGAT
 GTTGTGAGTCTACCTCAGAGGATTGCATGGCCAGTGAGCTGCCTGAGCACACAATAAAAACTGTCAAAA
 CTTATCCAAAAAGAAATTAAGTTTGAAGAGTGCTGTCAAGAAAAACACCCCATGAACATTTTTATGTGC
 ACCTACTTCATGCCAGCTGCTGAACCACTTCAATTGCCAGCTATCAAGTTGCCAACTGGCAAAGACCTCT
 GTGGTCAGAGTACCACACAAGCCATGGACCAGTATACATTTGAACTAAGCAGAAGGACTCAAGTTCCAGA
 AGTGTTCCTCAGCAAAGTTCTGGAGCAACCCTGAAAACCCTTAGGGAGTGCTGTGACACTCAGGATTTCT
 GTTGCCTGTTTCAGCACTCAGAGTCCCCTGCTGAAGAGGCACTAACTTCTTTTCATCGAAAAAGGTCAAG
 AAATGTGTGCAGATTATTCTGAGAACACATTTACTGAGTACAAGAAAAAATTGGCAGAACGCTAAGGAC
 AAAAAACCCCAACACCTCTCCGGCAGAGCTGAAAGACATGGTGGAGAAACACTCGGACTTTGCCTTAAG
 TGCTGCTCTATAAACTCACCTCCTCTCTACTGCAGCTCACAGATTGATGCAGAAATGATAGACACCTGC
 AGTCTGATCAGGGCCCGTGCCTAGCTTGGATCTTGAAGTGAACCACTCTGGAAAATTGCCACTGGTAA
 CAAAATCAAGCACACAGAGATGGCCTTCCAAGAAGATCACCAAGATAATTCCATTTTTCTTAGCTACAA
 TGTTTTTGGAGAATTATAAAAAATAAATAAATAAATTGAAATATGGTGCAAACTCTAAAAA

Restriction Sites: RsrII-NotI



[View online »](#)

ACCN:	NM_008096
Insert Size:	1431 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:	BC051395 , AAH51395
RefSeq Size:	1681 bp
RefSeq ORF:	1431 bp
Locus ID:	14473
UniProt ID:	P21614
Cytogenetics:	5 44.32 cM
Gene Summary:	Involved in vitamin D transport and storage, scavenging of extracellular G-actin, enhancement of the chemotactic activity of C5 alpha for neutrophils in inflammation and macrophage activation.[UniProtKB/Swiss-Prot Function]