

Product datasheet for MC218613

Creb5 (BC029022) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Creb5 (BC029022) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Creb5
 Synonyms: 9430076C15Rik; CRE-BPa; Crebpa; D430026C09Rik
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >BC029022
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGCCGGCCTCCATGCCTGGAACCTGCCAACCCACCATGCCAGGATCTTCTGCCGTCTTGATGCCTA
 TGGAGAGACAGATGTCAGTGAATCCAGCATCATGGGCATGCAAGGTCCAAACCTCAGCAACCCCTGTGC
 TTCTCCCCAAGTCCAGCCAATGCATTGAGAAGCCAAAATGAGACTGAAGGCTGCGCTGACTACCATCCT
 GCCGCCATGTGCAACGGGAACATGAGCACCATCGGACACATGATGGAGATGATGGGCTCCCGCAAGACC
 AGACACCGCACCACCTGCACTCACACCCGCATCAGCACCAGACACTGCCGCCACCACCCCTACCC
 ACACCAGCACCAGCACCACCGCACACCATCCCCACCCACAGCCTCACCACCAGCAGAACCCCGCACCAC
 CACTCCCATTCCCACCTTACGCACACCCGGCGCACCACCAGACCTCGCCACACCACCCCTGCACACCG
 GCAACCAAGCACAGTTTTACCAGCTACACAACAGATGCAGCCAACCCAGACAATACAACCACCCAGCC
 CACAGGGGGACCGCGCAAGAGTGGTGGATGAGGACCCAGATGAGAGGGCGGAGGAAATTTCTGAAAGG
 AACCGGGCCCGCCACCCGCTGCAGACAGAAGAGGAAGGTCTGGGTGATGTCCTGAAAGAAAGCTG
 AAGAGCTCACCCAGACAACATGCAGTTGAGAATGAAGTGTCCATGTTGAAAAACGAGGTGGCCAGCT
 GAAGCAGTTGTTGTTAACACATAAAGACTGTCCGATAACAGCCATGCAGAAAGAATCCCAAGGGTATTTA
 AGTCCAGAGAGCAGCCCTCCTGCGAGCCCTGTGCCAGCATGCTCTCAGCAGCAAGTTATCCAACACAACA
 CCATCACTACATCCTCATCGGTGAGCGAGGTCTGGGGAGCTCCACCCTCAGTCAGCTTACAACACACAG
 AACAGACCTGAATCCTATTCTTTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: BC029022



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Insert Size:	1005 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:	BC029022 , AAH29022
RefSeq Size:	2823 bp
RefSeq ORF:	1004 bp
Locus ID:	231991
Cytogenetics:	6 25.9 cM
Gene Summary:	Binds to the cAMP response element and activates transcription.[UniProtKB/Swiss-Prot Function]