

Product datasheet for MC211144

Cabyr (NM_181731) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cabyr (NM_181731) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cabyr
Synonyms: 1700016C01Rik; 4933421A18Rik; CBP86; FSP-2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211144 representing NM_181731
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGATTTCTTCAAAGCCAGACTTGTTGTACCCTATGGCCTCAAGACTCTGCTTGAGGGAGTTAGCAGAG
 CCATTCTCAAACCAATCCAACAACATCACCCAGTTTGCAGCCGTTATTTTAAAGAACTATTGTGTT
 TAGAGAAGGGAATTCGTCTCTAGATATAAAGATCTGATTAACAGTTTACCAGATGAAAGTAGAGAAA
 TGGGCAGAAGGAGTGACAGTGGAGAAGAAAGATGTATCAAGGAACCCATAAAACCACCTCCAGTCCCT
 GCAAACCCACACATATGGAAAAATCCACAGACACAGAGGAGGACAATGTAGCTGGACCACTATTTAGCAA
 CAAAACCACTCAGTTTCCATCAGTTCATGCTGAAGTACAGTCTGAGGAGACAAGTGAAGGAGCTCGGGGT
 CCCTCTGACAAACCGACTACTCCTAAGACCGACTACACCCACCCTCGTCACCACCTCCAGCGCCTGTCT
 CTGCCGAGTACGCTTATGTCCCAGCTGACCCAGCTCAGTTTGGCCGCTCAGATGTTAGCACTAGCAACAAG
 CGAAGCAGGACAACCACCACCATATTCTAATATGTGGACACTTTATTGTCTAACTGATATGAATCAACAA
 AGTCGCCCATCACCGCCACCTGCACCTGGGCCTTTTCCCAAGCAACCCTGTATTTACCTAATCCTAAGG
 AGCCACAGTTTCTGCAGAACCACCGAAAGTACAGTCTCAACTTATGTGATGATGGATGACAGCAAGAA
 GACCAATGCCACCTTTTATATTAGTAGGCTCAAATGTTCAAGGAAGCGCAGGATTGGAACCTCTTCTCT
 GGACATGCTGTTGTGTCACAAGCAGAGGCCCTGAAGAGATATGCTGCAGTGCAAGTGCCATTGCTGTTT
 CTGCAGATCAGACATTCCAGAGACCTGCCCAAATCCCCAGAATGCTAGTCTCTACAAGTGGACAAGA
 TGGCCCCAGACGAAAAGCCAGTCTTTCTTTCTGTTGCTTTCCAGTAGAAGATGTAGCTAAAAAGAGT
 TCAGGATCTGGTGACAAACGTAACCTTTGGAAGTTATGGTATTGCTGGCGAAATTACTGTGACTACTG
 CCCATGTCGGCAGAGCAGAACCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



[View online >](#)

ACCN:	NM_181731
Insert Size:	1146 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>NM_181731.3</u> , <u>NP_859420.2</u>
RefSeq Size:	1301 bp
RefSeq ORF:	1146 bp
Locus ID:	71132
UniProt ID:	<u>Q9D424</u>
Cytogenetics:	18 A1
Gene Summary:	<p>May function as a regulator of both motility- and head-associated functions such as capacitation and the acrosome reaction. May bind calcium in vitro (By similarity). [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) uses an alternate splice site in the coding region, compared to variant 1. The encoded isoform (c) is shorter and has a distinct C-terminus compared to isoform a.</p>