

Product datasheet for **MC211143**

Cabyr (NM_001042419) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cabyr (NM_001042419) 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: >MC211143 representing NM_001042419
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGATTTCTTCAAAGCCAGACTTGTGTACCTATGGCCTCAAGACTCTGCTTGAGGGAGTTAGCAGAG
CCATTCTCAAACCAATCCAACAACATCACCCAGTTTGCAGCCGTTTATTTAAAGAACTATTGTGTT
TAGAGAAGGGAATTCGTCTCTAGATATAAAGATCTGATTAACAGTTTCACCAGATGAAAGTAGAGAAA
TGGGCAGAAGGAGTGACAGTGGAGAAGAAAGAATGTATCAAGGAACCCATAAAACCACCTCCAGTCCCT
GCAAACCCACACATATGGAAAAATCCACAGACACAGAGGAGGACAATGTAGCTGGACCACTATTTAGCAA
CAAACCACTCAGTTTCCATCAGTTCATGCTGAAGTACAGTCTGAGGAGACAAGTGAAGGAGCTCGGGGT
CCCTCTGACAAACCGACTACTCCTAAGACCGACTACACCCACCCTCGTCACCACCTCCAGCGCCTGTCT
CTGCCGAGTACGCTTATGTCCCAGCTGACCCAGCTCAGTTTCCCGCTCAGATGTTAGAAGATGTAGCTAA
AAAGAGTTCAGGATCTGGTGACAAACGTACTCCCTTTGGAAGTTATGGTATTGCTGGCGAAATTACTGTG
ACTACTGCCCATGTCCGAGAGCAGAACCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001042419
Insert Size: 663 bp



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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_001042419.1</u> , <u>NP_001035884.1</u>
RefSeq Size:	818 bp
RefSeq ORF:	663 bp
Locus ID:	71132
UniProt ID:	<u>Q9D424</u>
Cytogenetics:	18 A1
Gene Summary:	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] Transcript Variant: This variant (4) has multiple differences in the coding region, compared to variant 1. The encoded isoform (e) is shorter and has a distinct C-terminus compared to isoform a.