OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MC227772

Cabyr (NM_001042420) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cabyr (NM_001042420) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cabyr
Synonyms:	1700016C01Rik; 4933421A18Rik; CBP86; FSP-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

View online »

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

Fully Sequenced ORF:

>MC227772 representing NM_001042420
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGATTTCTTCAAAGCCCAGACTTGTTGTACCCTATGGCCTCAAGACTCTGCTTGAGGGAGTTAGCAGAG
CCATTCTCAAAACCAATCCAACAAACATCACCCAGTTTGCAGCCGTTTATTTTAAAGAACTCATTGTGTT
TAGAGAAGGGAATTCGTCTCTAGATATAAAAGATCTGATTAAACAGTTTCACCAGATGAAAGTAGAGAAA
TGGGCAGAAGGAGTGACAGTGGAGAAGAAAGAATGTATCAAGGAACCCATAAAACCACCTCCAGTTCCCT
GCAAACCCACACATATGGAAAAATCCACAGACACAGAGGAGGACAATGTAGCTGGACCACTATTTAGCAA
CAAAACCACTCAGTTTCCATCAGTTCATGCTGAAGTACAGTCTGAGGAGACAAGTGAAGGAGCTCGGGGT
CCCTCTGACAAACCGACTACTCCTAAGACCGACTACACCCCACCCTCGTCACCACCTCCAGCGCCTGTCT
CTGCCGAGTACGCTTATGTCCCAGCTGACCCAGCTCAGTTTGCCGCTCAGATGTTAGGTAATGTGCCATC
TACTTATTCTGAAGTTTTAATGGTGGACGTGGCAACAAGTACGCCCGCTGTTCCCCAGGACGTACTGAGT
GCAGAGTTTGCTGAAGAAGTCGTGCTGTCTGCCCCTCTGGTGTGCTCTGGAGAGACGGTAGAAGTGCAGG
TTGTGAGCAAAACATCTGCGCAGGTAGTTGTGGGTCCTGTGTCTGAGGCTGAACCACCAAAGGCTTCCTC
AGCCCCCTTGCAGGGTGAACAAGAACCTCCTGCTCATGAAGCTCCTGATACCCAGGTTACATCAGCCAGT
CGTATATCATCCATATATAACGATGTGCCTGTCAATGAAGGAGTTGTCTATGTTGAGGAGATACCAGGAT
ACATAGTTATCCCTTTTACTGATCATGATCAAGTTGCTTGTGTTAAAGAAATTGAGCAGTCACCACCAGG
TAGTCCCAAAGCTGTAGAACCCAAGACTAAAATATCTATAGAGTCTCTGAAAACTGTCCAGGTGGAGGAG
AATTCCCAACACAAGTCCTCAGTACACGTGGAGGCAGAAGCTACAGTTCTGCTCTCTAACACTGCTTTAG
ATGGTCAGCCCGAGGTACCTGCAGAACCCCTGGATGCAGAGGGCTTTTTCAAAGTAGCCTCTGAAAATTC
TCTGCACCTTGAAACGGAGATCGTTATCATAAACCCTGATGATCCTGGCCAGGAGGAGTCAGGGGGGAAC
GCTGCACCCCATTCATCTGGTGACCCCTTCCCTCCTGCGCCAGGAGGCCTTACTGAACCAGAAATGCAAC
CAGATGGGGAAGCTGCTCCTGAACAGGTTTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001042420

Insert Size: 1362 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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).

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

Reconstitution Method:	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:	NM_001042420.1, NP_001035885.1
RefSeq Size:	1522 bp
RefSeq ORF:	1362 bp
Locus ID:	71132
UniProt ID:	Q9D424
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 (5) lacks an exon in the 3' UTR, compared to variant 1. It encodes the same protein as variant 1 (isoform a).

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US