

Product datasheet for RC215816

FABP9 (NM 001080526) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: FABP9 (NM_001080526) Human Tagged ORF Clone

Tag: Myc-DDK Symbol: FABP9

Synonyms: PERF; PERF15; T-FABP; TLBP

Mammalian Cell Neomycin

Selection:

Vector:pCMV6-Entry (PS100001)E. coli Selection:Kanamycin (25 ug/mL)

ORF Nucleotide >RC215816 representing NM_001080526
Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ATGGTTGAGCCCTTCTTGGGAACCTGGAAGCTGGTCTCCAGTGAAAACTTTGAGGATTACATGAAAGAAC TGGGAGTGAATTTCGCAGCCCGGAACATGGCAGGGTTAGTGAAACCGACAGTAACTATTAGTGTTGATGG GAAAATGATGACCATAAGAACAGAAAGTTCTTTCCAGGACACTAAGATCTCCTTCAAGCTGGGGGAAGAA TTTGATGAAACTACAGCAGACAACCGGAAAGTAAAGAGCACCATAACATTAGAGAATGGCTCAATGATTC ACGTCCAAAAATGGCTTGGCAAAGAGACAACCAACAATCAAAAGAAAAATTGTGGATGAAAAAAATGGTAGTGGA ATGTAAAATGAATAATATTGTCAGCACCAGAATCTACGAAAAGGTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGGATCTGGCAGCAAATGATATCCTGGATT

ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC215816 representing NM_001080526

Red=Cloning site Green=Tags(s)

MVEPFLGTWKLVSSENFEDYMKELGVNFAARNMAGLVKPTVTISVDGKMMTIRTESSFQDTKISFKLGEE

FDETTADNRKVKSTITLENGSMIHVQKWLGKETTIKRKIVDEKMVVECKMNNIVSTRIYEKV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8028 e01.zip

Restriction Sites: Sgfl-Mlul



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

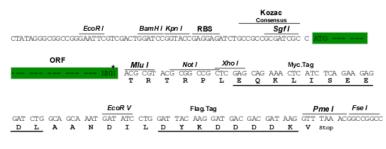
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF

ACCN: NM 001080526

ORF Size: 396 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

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: 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.

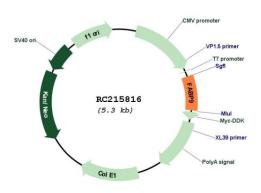
RefSeg: NM 001080526.2

RefSeq Size: 399 bp
RefSeq ORF: 399 bp
Locus ID: 646480
UniProt ID: Q0Z7S8

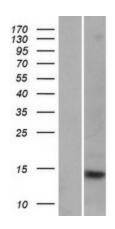


Cytogenetics: 8q21.13 MW: 14.9 kDa

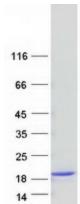
Product images:



Circular map for RC215816



Western blot validation of overexpression lysate (Cat# [LY421081]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC215816 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified FABP9 protein (Cat# [TP315816]). The protein was produced from HEK293T cells transfected with FABP9 cDNA clone (Cat# RC215816) using MegaTran 2.0 (Cat# [TT210002]).