

Product datasheet for **RR202066**

Fabp9 (NM_022854) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fabp9 (NM_022854) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Fabp9
Synonyms: Tlbp
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR202066 representing NM_022854
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGATTGAACCTTCTTGGGGACCTGGAACTGGTCTCCAGTGAAAACCTCGAGAATTACGTGAGGGAAC
 TGGGAGTGAATGTGAACCCCGAAAGTTGCATGTTTAAATAAGCCAAGTTAGCATTAGTTTCAATGG
 GAAAAGGATGGACATCCAAGCAGGAAGTGCATGCAGGAACACGGAGATCTCCTTCAAATTGGGGGAAGAG
 TTTGAAGAGACCACTGCAGACAACCGAAAGTGAAGAGCCTTATAACTTTTGAAGGTGGGTCAATGATCC
 AGATCCAAAGATGGCTTGCAAACAGACAACAATTAAGAAGAATTGTGGATGGAAGAATGGTAGTGGA
 GTGCACCATGAACAATGTTGTCAGCACTAGGACCTACGAAAGGGTGGTGCACCATGAACAATGTTGTCAG
 CACTAGGACCTACGAAAGGGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR202066 representing NM_022854
 Red=Cloning site Green=Tags(s)

MIEPFLGTWKLVSSENFENYVRELGVECEPRKVACLIKPSVSI SFNGERM DIQAGSACR NTEISFKLGEE
 FEETADNRKVKSLITFEGGSMIQIRWL GKQTTIKRRIVDGRMVVECTMNNVSTRTYERVVHHEQCQC
 H*DLRKG

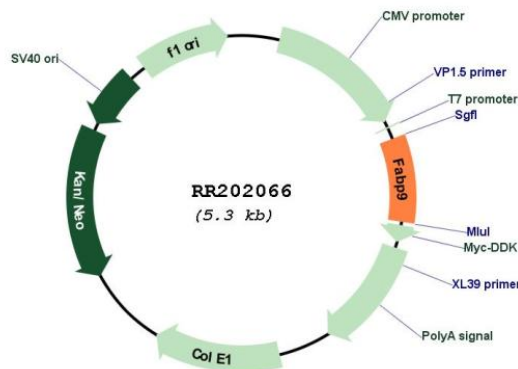
TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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Cloning Scheme:

Plasmid Map:


ACCN: NM_022854

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:	<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 Size:	581 bp
RefSeq ORF:	399 bp
Locus ID:	64822
UniProt ID:	P55054
Cytogenetics:	2q23
MW:	15.1 kDa
Gene Summary:	present at inner acrosomal and outer face of nuclear envelope of the sperm head; may bind to membrane of the acrosome; may mediate structural arrangement and stability of acrosome [RGD, Feb 2006]