

Product datasheet for **RR214931**

Fam69b (NM_001014178) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fam69b (NM_001014178) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Fam69b
Synonyms: PIP49; RGD1308600
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR214931 representing NM_001014178
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCGGGCGGTGCGGGCTTGGTGCACCTAGTGCTCCTCTGCCCTTCTCTAAGGGCCTGCAGGGCCGGC
 TCCAGGCCTCAGGGTCAAGTATGTCTTGCTGGTCTGGCTGGGCATCTTCGTGGGCAGCTGGATGGTCTA
 TGTGCACTACTCGTCTATTCAGAGCTCTGCCAGGCACGTCTGTGAGCTGCAGAAGTGGAGTGGAGGACCT
 CAGAAAGGCATCATCTCGGGCTCTGTCTGCCAGGACCTGTGTGAGCTGCAGAAGTGGAGTGGAGGACCT
 GCCTGTCTTCAGCCCAGGCCAGCAGGTGTACAGTGGGCTCTGGCAAGACAAAGAGGTGACCATCAAATG
 TGGCATTGAAGAGGGCGCTGAAGTCCAAGGCCTGGCCAGATGCAGTCCCGAGGGCGGAGCTGGTGTGTTT
 GACAAGCCACCAGGGGCACCTCCATCAAGGAGTTTCGGGAGATGACCCTCAGCTTCTGAAGGCTAACT
 TAGGAGACCTGCCCTCCCTGCCAGCGCTGGTTGACCAGATACTTCTTATGGCGGACTTCAACAAGGACAG
 CAGGGTATCCCTGGCGGAAGCCAAGTCTGTGTGGGCCCTGCTGCAGCGCAATGAGTTCCTGCTGTGTTG
 TCCCTTCAGGAGAAGGAGCATGCTTCCCGGCTGCTGGCTACTGCGGGGACCTCTACCTTACCGAGAGCA
 TCCCTCACGGCTCCTGGCACGGGGCAGTGTGCTGCCTGCCTTGCGCCCTTCTACCATCTGTGCTGCA
 CAGGGCTCTCCAGCAGTGGTTTGGACCTGCATGGCCATGGCGTGCAAAGATCGCCATTGGCCTGTTGGAA
 TTTGTAGAGGAGCTCTTCATGGTTCTATGGTACCTTCTACATGTGTGAGACTACACTTGCCAATGTGG
 GGTACACAGCCACCTACGACTTCAAGATGGCTGACCTGCAGCAGGTGGCCCCAGAGGCCACTGTGCGTCG
 CTTCTTCAGGGCCGCCACTGTGAGCAGAGCTCTGACTGCATCTATGGCGGAGACTGCAGGGCGCCATGT
 GACAAGCTCATGAGGCAGTGAAGGGTACCTCATCCAGCCAACTTGGCCAAGGTGTGCGAGCTGCTGA
 GGGACTATCTGCTGCCCGAGCCCTGCGGACCTTATGAGGAGCTGGGCAAACAGCTTCGCACATGCAC
 CACTGAGTGGACTGGCCAGCCAGTTGAGGCTCACCATTCTCTGGTGTAGCCACCTAAGACCTTA
 CTCTGGAGGGAGATCTCCAACCAACTACTCT

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



ORF Size:	1293 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:	NM_001014178.2 , NP_001014200.2
RefSeq Size:	1560 bp
RefSeq ORF:	1296 bp
Locus ID:	362090
UniProt ID:	Q5FVL3
Cytogenetics:	3p13
MW:	48.8 kDa