

Product datasheet for **RN216489**

Fam102b (NM_001163568) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam102b (NM_001163568) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fam102b
Synonyms:	RGD1310037
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN216489 representing NM_001163568 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGATGAAGAAGAAGTTTAAGTTTAAGGTGGACTTCGAGCTCGAGGAGCTCTCCTCGGTGCCCTTCG
 TCAACGGGGTCTCTTCTGCAAGATGCGGCTGCTGGACGGCGGCACCTTCACCGCGGAGTCTCCAGGGA
 GGTGGTGAAGCAAATTGTGTTCACTGGAGAAAGAAGTTCTCGTTTATGTGCAAAATGAGCGCCAGCGCC
 TCCACCGGCATCCTGGATCCCTGTATCTACAGAGTGTCTGTACGGAAGGAATTAAGGTGGGAAAGCTT
 ACGCAAAGCTGGGCTTTGCAGATCTAAACCTGGCAGAGTTTGCTGGATCAGGAAGTACCACCGTCGCTG
 CTTACTGGAAGGCTATGATACCAAAAATACAAGACAGGACAACCTCCATTCTTAAAGTTTTGATCAGTATG
 CAGCTGATGTCCGGTGACCCATGCTTTAAACGCTCCTTCCACATCCATGTCAATACCAATCGCTGGGG
 AATCGGAGTCTCTGGAAGAGGATAGGAAAGGCGGCGAGACCCTCAAAGTGCATCTTGGGATAGCAGATCT
 TTCAGCGAAGAGTGCCTCCGTTCCAGATGAACCTGGTGCCTGGGACACTCTAGAATCAAGCTATGCA
 AGCCAACAGTCCAAAGTATCAGGTATAGCACATGCCACTCGCGGTATCCAGTTTCTCCGAGTTCTGCC
 ACAGGAGAAATACCTCAGTAGGAAGCACGTCAACAGGGATTGAAAGTATTCTTGAGCCATGTGACGAAAC
 TGAGCAAAATCACAACGAACCAATCCAGACCCGCTCCGCTGCCGCTGCTGTTAAGGAAGAAGAAGCT
 CCGGAGAAACTCCCAGATGCCAGTGAAGCAGGATCCGTTGAGTCTCAGCTGAAGCGGGTCGACGACA
 CCAGGGTGGATGCTGATGACGTCGTGGAGAAGATCCTGCAGAGTCAAGACTTCAGCCTCGACTCCAGCGC
 AGAAGAAGAAGGGCTGAGGTTATTCGTGGGACCTGGGGGAAGTACAACCTTCGGCAGCCACCACCTTCCA
 AACAGGTAGGATCTGGAGCCTATGAGCAAGTTGTAATCAAACGC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001163568
Insert Size:	1098 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).
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:	<u>NM_001163568.2, NP_001157040.1</u>
RefSeq Size:	5732 bp
RefSeq ORF:	1098 bp
Locus ID:	365903
Cytogenetics:	2q41