

Product datasheet for **RN202499**

Fam120b (NM_001107466) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam120b (NM_001107466) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fam120b
Synonyms:	RGD1310304
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN202499 representing NM_001107466
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGGTGTAAGAGGTTTGCAGGGGTTTGTGGGAAGTACCTGCCACATATATGTACAACAGTCAATCTCC
 ACGAGCTGGCAGAGAGTACCGAGCCAAGTACCCTGGAAGTACGCCACCATTGTGGTGGACGCCATGTG
 CTGTCTCCGATACTGGTACACAGCAGAGTCCTGGGTGTGCGGCGGCCAGTGGAGAGAATACTATTCGGCT
 TTGAGAGACTTCCTCGCGCCTTCACATCTGCTGGCATCAAGCTGATCTTTTCTTTGACGGCACGGTGG
 AGCCGGGCAAGCAGAGAGTGGGTAAAGCGAAGACTTAAAAACAACAGGGAGATATCCAGGATCTTCCA
 CTATATCAAGTCAAAAAGAGAGCAGCCAGGCAGGAACATGTTCTTCATCCCCTCCGGTCTGGCCATATTC
 ACGCGTTTCGCCCTGAAGTCGTTGGGCCAGGAGACTTTCTGCTCATTGCAGGAGGCAGACTACGAGGTGG
 CTTCTTATGGCCTGCAGCACAATGCCTTGGGATCCTTGGGAAGACACTGACTACTTAATTTATGACAC
 TTGCCCTACTTGTCAATTGGTGACCTCTGTCTGGAGAGTCTCCAAACCATCCTGCTGTGTCGAGAGAAG
 CTCTGTGAGAGCCTGGGCTCCGTGTGTGAGACCTCCCTCTGCTGGCCTGTCTACTTGGCAATGACATCA
 CTCCAGAGGGCATGTTTCAAAGCTTTCCGTACAAGTGCTTGTATCCTATGCTTCTGTGAAAGAGAAATGC
 AGGCAAAAAGGAAATATTATCCTAGCCGTCTCCGACTATATCTCAAAGTTCTTCATTTGTATCAAGGT
 GAGAAGAAGATCGAAGAGATGCTACCCTTGGGGCCAAACAAGCTCTCTTTATAAAGGAGTAACATCGT
 ACCTTTTGCCAGGGCAGAAATCTCCATGGTTAGTTCAAAAACCCAAAAGCATAATAACAGACAAGCAAT
 GGCGAGTTTAAACCCCGGATCCAAGCAAGAAGTCCCCATGTGCATAGATCCTGAATTCAGCAAGAAGTT
 CCTGTGTGCACTAATCCCGAGTCCATGCAAGAAGTCCCATGTGTATGGACCCTGAACCCAACAGGAAG
 CTTCCGTGTGCATGGATCGCAATCCAAGCCAGAGGTTCCCATGTGCACTGATCCTGAATCCAAGCCAGA
 GGTTCCCTGTATACAAACCCAGAGAGCAAGCAAAAGTCACCTTCAGAAATAGACCCCAAGTGAATCTA
 GAAGCACTCACGTGTACATACCCTGAAGTTAAACAAGAAGATGCCATGGATATGGAACCGGAAATAAAGC
 AAGCAACCATGGTTTCAGAGTCTGAAATCTTAAAGTTGCCAGGATGCATCATGTCCACTCAGAAAGCTA
 CCTAGTGTACAACATTTGAGCAGTGGAGAGATAGAGTGTAGTAACACCCTGGAGGACGAGCTGGACCAA
 GCCCTCCCAAGCCAAGCCTTCATCTACCGCCAGTCCGGCAGCGGGTCTACTCACTCTTACTGGAGGACT
 GGAAAGACGGAGCCAGCACTGGTCCAGTGGTCAAGGAGTGGTTTGTGTACCCTGGTAACCTCCTGAAGCA
 CCCAGACCTAGTCAGGCCTCTGCAGATGACCGTTCAAGGGGGAACGCCTAGCTTGAAGTTTGTGGCTG
 AGCCAAGAGCCAGCAGCCAGGCCGGCGCCTGGACACATTGCTAGCCTGCTTCAACCTTCTCCTCTCAA
 GAGAAGAGCTGCAATCCGTGGAGAGCCCGTTGAGGGCGCTGTGCTGCCTCTTGATCTACCTGTTTGTCCA
 GGTGGACACTCTTTCCTGGAAGATCTGCATGCATTTATCGCTCAGGCCTTGTGCCTCCAAGGAAATCA
 ACCTCCAGCTTATGCACTTACAGCTGGATTACATCAACTCCAGAGCTGTGCAGCTGGGGTCCCTCCTTG
 TCCGTGGCCTCACCACATTGGTACTAGTCAACAGTGCATGTGGCTTCCCTTGGACAACAGCGACTTTAT
 GCCCTGGAATGTATTTGACGGCAAGCTTTTCCATCAGAAGTACCTGCAGTCTGAAAAAGGATATGGCGTG
 GAGACTCTTTTGAACAAAATAGATCGTGGCTCACCACGTTCCACAACCTGAAGGCAGTGGTCTGCAAGG
 CCTGCTCAAGGAGAACCGACGAATTGTAGGCAGGATACATTGGAACCTCATTACACAGGGAGGCAGGG
 GAGACAGGGCCACGGCTCCTACAGATCAGGCTCCACACATGGCCATTCTGGGCAGTCATGGAGAGACCAG
 GGTT**CAGGAGGCAGACAGCATGAGCATGACCACTGGAGAAGATAC****TA****G**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001107466
Insert Size: 2358 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).
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_001107466.3, NP_001100936.2</u>
RefSeq Size:	4868 bp
RefSeq ORF:	2358 bp
Locus ID:	308218
Cytogenetics:	1q12