

Product datasheet for **RN215325**

Fam214b (NM_001013931) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam214b (NM_001013931) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fam214b
Synonyms:	RGD1311249
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN215325 representing NM_001013931
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCGCCACGTGCAGGCGGAGCTGTCTCCATCCTCAGAGCCAGAGGCTGGCCCTTACAGCCTCCAGTCA
 CACAGGGGACCCTCCAGGGTGGCCTGCTCATGGGCTACAGCCAGCAGGGGGGCAACATCCCCGGGGT
 CTACCAGGTATCCATCTTTTCCCCTTCACTGGCGTCTCCGAGCCTCCTAGGGCTCTGAAGCGGCCGGCC
 CCTTCCACTGAGGGTCCCCGGGAGCTGAAGAGAGGCCCTGGGCTGGGGCCAGAGAGGGACTACCCCCG
 AAGAACCATCTACTGTGGGACTCGTGAGCCAGAGGGACTGGGTCTGGGACTGGGTGTGGCTAGCCAGCA
 TTTCTCCCACCATGGCCTCCGTGTTGTGGAACAAGGAGGTAGTCCACCTCATCTTGACTTCAGGGACC
 CAGAGTACCCCTGGCCCTCATCAATGCTTCTGCAATACTTTGCACACCAGAGACTGGGCTTCCCAG
 ATCAAGGGGGACAGGGGTGCCTGGGGAGTCTCCAGGGCCAGCCCCTCAGGCCAGCTGCACACACTTGA
 CACTGATTTGCACAATCTTGACAAATAGGGGGTAAGAGCCAGTGGCTAGGGTGGCAACGGGAGCAAC
 CCTTGGCCTAGGGAGTCCCATGGAAGTCCCAATGGGCACAGTCCCAGACACACCCCCTGGCCCTGGAC
 CTCCAGGCCCCTGCCCAACGAAGGCTGCTGCCTGCTGGAGAAGCCCTTGATGTGACTCTGAAGA
 TGAGGGACCAGCCCTCGGAGGCGCCGGGAACCTGGGCTGCCCTTTGCTGCCAATAGTTCTGATGCC
 AAAGCCACACCCTTCTGGAGCCACTGCTGCCTGGGCCAAGGAGCCTGTTTTGGACCAACAGACCAGCA
 GTCCCATGGGGCGGAGGCTGAAGGGCGCCCGTGCCTGAAGCTAAGTCCCTTGAACCTCCCGAAGGG
 GCCAGGCTGCTGAGCCCTCCAGTGCCTCCCCCTTTCCACCCCTGCTGTCAGCCGTACCCTGCTGGGC
 AACTTTGAGGAATCACTGCTTCGAGGACGCTTTGCACCATCCGGCCACATCGAGGGCTTTACTGCAGAGA
 TTGGAGCCAGCGGGTCTTACTGTCCCCAGCATGTCACACTGCCTGTCACCTTTTGTGATGTTTC
 TGAGCAAAATGCACCGGCCCTTCTGGGAGTGGTGGACCTGAATCCTCTGGGGAGGAAGGGTTACAGT
 GTGCCAAGGTGGGCACCATCCAAGTGACCTTATTTAACCCTAACCAGACTGTGGTGAAGATGTTCTTG
 TGACCTTTGACTTCTCGACATGCCTGCTGCCACATGACCTTCTGCGCCATCGCCTCTTCTTGTTGCC
 TGTAGGTGAGGAGGAAATGTTAGCCCCACCCACCGCCTCCTCTGCTACTTGCTGCACCTCAGGTTCCGG
 AGCTCCCCTCAGGTGCTTAAGCCTGCATGGAGATATCCGCCTGCTTTTTTCCCCTGGAGCCTGGAGC
 TGGACACAGGGTCCCCTATGAACTACAGGCTGTGACTGAGGCCCCCAATCCACGTTACTCACCTTT
 GCCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001013931

Insert Size: 1617 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: [NM_001013931.1](#), [NP_001013953.1](#)

RefSeq Size: 2329 bp

RefSeq ORF: 1617 bp

Locus ID: 298201

UniProt ID: [Q5PQM8](#)

Cytogenetics: 5q22