

Product datasheet for **RN205004**

Fam20b (NM_001107187) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam20b (NM_001107187) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fam20b
Synonyms:	RGD1311162
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN205004 representing NM_001107187 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGCTGAAGCAGCGGGTTGTGGTGTAGCAATCCTGCTCGTCATTTTATCTTCACCAAAGTGTTC
TGATAGACAATTTAGACACATCAGCTGCCAACCAGAGAGGACCAGAGGGCGTTTCACCGCATGATACCGG
CTTGCGGGTGGAGCTGGTGCCCAAGCTGGACCACCCCTGCAGTCTCCTGGGAGATTGCAGCCAGTGG
GTGGTGCCCGGGAAGTGTACCCTGAAGAGACCCAGAGCTGGGAGCAGTCATGCATGCCATGGCCACTA
AGAAAATCATCAAAGCTGACGTGGGCTACAAAGGGACACAGCTGAAAGCTTTACTGACTCTGAAGGAGG
ACAGAAAGTTGTCTTCAAGCCTAAGCGGTACAGCAGAGACTATGTGGTAGAAGGGGAGCCATACGCTGGT
TACGACAGACACAACGCAGAGGTGGCGGCTTCCATTTGGACAGGATTCTGGGTTTCCGCCGAGCTCCCT
TGGTCTGTGGCAGATATGTTAACTGCGAACAGAAAGTTAAGCCTGTGGCCACGGAGCAGCTGCTCAGCAC
CTTCCTCACTGTAGGAAACAATACTTGTCTATGGGAAGTGCTACTATTGCCGAGAAACAGAGCCAGCA
TGTGCTGATGGAGACATGATGGAGGGCTCCATCACACTTTGGCTTCCAGATGTGTGGCCTCTGCAGAAGC
ATCGGCATCCCTGGGCGAGGACTTACCGAGAGGGCAAATGGCCAGGTGGGAATATGACGAGAGTTACTG
CGACGCTGTGAAGAAAACATCCCCCTATGACTCAGGCCACGCCCTCTCGACATCATTGACACGGCTGTC
TTTGATTACTTGATTGGCAACGCTGACCGCCATCACTATGAAAGCTTTCAAGATGACGAAGCGCTAGCA
TGCTTATTCTTCTGGATAATGCCAAAAGCTTTGGGAACCCCTCGCTGGATGAGAGAAGCATCCTTGCCCC
TCTCTATCAGTGTTCATCATTGGGTTTCAACTTGAATAGACTGAATTATCTAAAGAATGGAGTACTA
AAGTCTGCCTTAAATCTGCCATGGCCCATGACCCCATGCCCCCTGTGCTCTCCGATCCACACTTGGACA
CTGTGGACCAGCGGCTTCTGAATGTCTGGCCACCATCAAGCAGTGTACCGACCAAGTTGGGATGGATAC
TGTGCTGGTGAAGACAGGATGCCTCTCTCCCACTTG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001107187
Insert Size:	1230 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_001107187.1, NP_001100657.1</u>
RefSeq Size:	5051 bp
RefSeq ORF:	1230 bp
Locus ID:	304885
Cytogenetics:	13q22