

Product datasheet for **RN217159**

Fam160b2 (NM_001170474) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam160b2 (NM_001170474) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fam160b2
Synonyms:	Rai16
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN217159 representing NM_001170474
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCTGAGCCGGCTCGGGCACTGCTGCAGGAGCCGTGGGGCGCGGGAGCCAGCATTGACCTGCTGC
 AGGCCTTCGTAGAGCATTGGAAAAGGCATCACACACTACTATATCGAGAGCACAGATGAAAACACCCAGC
 CAAGAAAACAGATATCCCTGGCGACTGAAGCAGATGTTGGACATCCTGGTGTATGAGGAGAAGCAGCAG
 GCATCCTCTGGTGAAGCTGGACCCTGTCTGGAATACTTGTACAACAAGATCCTGGAGACCCTGTGCA
 CTCTGGGCAAAGCGGAGTATCCCCAGGCATGCGGCAGCAGGTATTCCAGTTCTTCAGCAAGGCTCTGGC
 CCAGGTGCAGCACCCCTGCTACACTACCTGAGTGTCCACAGACCCGTGCAGAACTTCTCCGACTTGA
 GGAACAGCCCCTGGATCCCTCACGAAAAGGAAGAAGTTCAGTTCACCAGTGTCTTTGCTCTAAGATAC
 AGCAGGATCCAGAGCTGTGGCCTACATTTCTGGAAGGTAAGGATGATAGGTAAGAAGAAGACAGCCAG
 AGGGTCTGCAGCTCCACCTAAAGACATAGCCGGCTACAGGGACAAGGACTGTCCACAGCGATGTCCCC
 AGTGGGGATCCTGGACTAGATAAGGAATACCATGGTGTCCAGCCTTGAGCGTCCACCTGCCTGCTGTGA
 CTGAGGGGCCAGAAAGTGGGCCCGGGAGAGCAATCTCATCACCTCCCTGCTTGGGCTGTGCAAGAGCAA
 GAAGAGTCGACTGGCCCTGAAGGCACAGGAGAACATATTGCTGTGGTAAGCCTGGCCTCACAGCAGCT
 GCCACCTACCTGACACAAAGTACCTCCTGTTGTACGGCGATAGCTGAGCACCTTTGCCAACTGTACCGGT
 CCATGCCAGCCTGCCTTGACCCAGCAGACATTGCCACTTAGAGGGCATCAGTTGGAGGTTACCAAGTGC
 CCCATCTGATGAAACCGCTTCCCTGGCAAGGAGGCTCTGGTGCCTTCTGGGCTGGTTGATTACTGC
 GACCACCTTATCACAGAGGCACACACGGTGGTTGCAGATGCCTTGGAAGGGCCGTGGCTGAGAAGCTGT
 TTGTAGAGACCCTGCAGCCCCAGCTCCTGCACGTGTCTGAGCAGACATCTTAACCTCCACTGCCCTGTT
 GACAGTCTGCTCCGTACGCTGCCTCCCTGCTCTGCTGCAGGAGGCCATGACCTTCTCTTAGGCCACT
 GACCAGCAGCCTGCATCCAAGGAGGACAGTTCACATACTCTGGGCACACACCTCATCATGACTGTGACC
 ATCTCTCTGACGAGATCAGCATTGCCACTCTGAGGCTGTTTGGAGAGCTGCTGCAGAAAACCCATGAGCG
 AGCCATCCGCAGTTTGGTTCTGCAGAACCTTGAGGGCCGCTGTATGTGGCCCGGGCTCGCCAGAGCCA
 GAGAGCTATGAGGATAACCTGGATCTGGAGGAAGACCCCTACTTCACCGATGGCTTCTTGATTCTGGCC
 TTCAACCTCCACAAAGCCTCCCCAGCTCCTGCCACCAGTTCAGATGGCAAACAGCAGTGACGGAGAT
 TGTTAACAGCTTCTTTGCCTGGTCCCTGAGGAAGCCAAGACATCAGCCTTCTGGAGGAGAATGGATAT
 GACACATATGTCCACGATGCCTACGGCCTGTTCCAGGAATGCAGCTCCCCTGTGGCCACTGGGTTGGC
 CCTGGGTCCAGCACCCCTTGACTCTCATGAGCCTGAAAGGCCCTTCTTTGAGGGCCGCTTCTCCAAGT
 GCTCTTCGATCGAATTGCCCGGATTTTGGACCAGCCTTACAGCCTGAACCTACAAGTGACCTCAGTCTGT
 TCCCGGCTCGCCCTGTTCCCCACCCCATATCCATGAGTACCTCCTGGATCCCTACATCAGCCTGGCC
 CTGGCTGCAGGAGCCTGTTCTCTGTGCTTGTGAGGGTGTACGGTGACTTAATGCAAAGAATTGAGAGGT
 ACCCCAGTTTTGAGGCAAAGTCTCCTGGTGCAGCAAGCAACTGATGGGCCAGATTCCCGGAGAGCATCTG
 GACCATCAGACCCTACTCCAGGGCGTGGTAGTTCTTGAGGAATCTGCAAGGAGCTGGCTGCCATTGCGT
 TTGTCAAGTTTCCCCACATGGTCTTACCTGAACTTCTCTCCACCTCCAGAAGGGCAAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001170474
Insert Size: 2235 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:	<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:	<u>NM_001170474.1</u> , <u>NP_001163945.1</u>
RefSeq Size:	3902 bp
RefSeq ORF:	2235 bp
Locus ID:	306015
Cytogenetics:	15p11