

Product datasheet for MC212116

Fam170b (NM_001164485) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Fam170b (NM_001164485) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Fam170b |
| Synonyms: | 4922501K12Rik; AI449756 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Fully Sequenced ORF: | >MC212116 representing NM_001164485 Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAACACCATCTCATTGAGCATAGGGGAGAACAGACACCTGGGACCGCCGTGGGCATGGCCAGCCCAG
ACGCCGAGAGGAGAGCACAGGAGTGTCTGGCCAGGTGGGGCCATGAGGAGGAATGAGTCATCTCCGCG
GCCAGGGCCTGCCTTCTCCCTGACGATGACATCTACTGGCAGCCCGGCACAGGGGTGCTGGGTTGG
AGCAGCTCTCCATCATCCAGTCGTCTCCGAGTATCAGTCTACTCTCAGTACCAGTCTGGGACTCCA
GCAAATCTGAGGAGCAGCAGGAGACTCCACCTGAGAGCGTGTGCGCCCTGTATACCCACGTGCAGACTGT
GCGCGCGGTGGCAGTGGCTTGGGAGACTGATGATGGCTTTGAGCCAGTACCAGGAAGCCCTTATCCGG
GAGGCTGAGTTCAAGCGTCAGCGGCGGAAAGGCTCCTCCTTTGAGATGGCCTCCAACACAGACCTGC
GCTGGGAGCTGGAAGACTGCAAGCACTACTGCCCGCAGACTGAGGACCCTGTGGACTGCTGCATGCAGGA
GCTACGAGCACCACCAGACTGGCTGGTACCACCAACCATGGCTTGGCGTGTGTGGCCTGCTGCAGAGTC
TTCCCTACGCTGGAGGCTCTGCTGGACCAGCCCAGCATGGCATCCAAGATGGCTTACGTGCCAAATAT
TCTTCGAGGAGATGCTGGAAGGAAGCGGACCCGGGATCAAAGCAGGACCAACAGCCTGTAGAAGAGGA
GCAGAGCCTTTCGGACAGTAGTGAATGTACCAGGCTCCTAACCAAGGTGCTTCCCTGGCAGCAGCAGCCG
CAGCAGCAGCCGAGGCAACAGAAGCAGCAGCAGCAGCAACAGCAGAAGCAGCGGCAGCAGGAGCAGC
AGCAACATCAACAGCAGCAGCAGCAGCCGAGCCACTGAAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCC
ATTGCAGCCGAGCCACTGAAGCAGCAGCCGTTGCAGCCGTTGCAGCCGAGCCGAGCCACAGCCACAG
AAGCAGCAGAAAGGCAGCAGCAGAGGCAGCAGCAGCCACCGCAGCAGCAGAAAACAACGCCACTGC
AGCAACAGGAAAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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| | |
|-------------------------------|---|
| Restriction Sites: | Sgfl-Mlul |
| ACCN: | NM_001164485 |
| Insert Size: | 1137 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: | <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_001164485.1</u> , <u>NP_001157957.1</u> |
| RefSeq Size: | 1694 bp |
| RefSeq ORF: | 1137 bp |
| Locus ID: | 105511 |
| UniProt ID: | <u>E9PXT9</u> |
| Cytogenetics: | 14 B |
| Gene Summary: | Plays a role in fertilization through the acrosome reaction.[UniProtKB/Swiss-Prot Function] |