

Product datasheet for **MC201740**

Fam192a (NM_028221) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fam192a (NM_028221) Mouse Untagged Clone
Tag: Tag Free
Symbol: Fam192a
Synonyms: 170001O11Rik; 2310065K24Rik; AI596259; Nip30
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC025472 sequence for NM_028221
 CCACGCGTCCGCCACGCGTCCGAAGGAACAGGAAGCCCCGAAGGGTCAAAGGAATACAATAGCAAAGT
 GTGTTTTCTTCTTTAAGCCGTCGTTCTTTCTGGTTTTCTTTCTAGTTTTTAAAGAGCGAGAGTGGCC
 TTGGCGGCGACGTTTACGGTAGGCGCCGCGAGGTGAGGGCGGCTCGCCTCCCGCGCTCTCGTAGATCT
 GCCACCTCCCTCCTTCATAGACGGGACTTGACTGCTAAAGCGCCTTGAGTACCTGAGAGTCTCCATTAGA
 ATCTGCTTTGGAAGCAAGAACAGACTGTACCATTATGGATGGAGAGGACGATAGTAACCTTGTATCAAA
 AAGAGGTTTGTCTGAGGCAGAGCTAGATGAGCGGCGCAAAAGGAGGCAAGAAGAATGGGAGAAAGTGC
 GAAAACAGAAAGACCCAAAAGAATGTCCAGAGGAGGCGTATGACCCTCGGTCTGTACGAACGGCTGCA
 GGAACAGAAAGACAGGAAGCAGCAGGAGTATGAGGAGCAATTCAAATCAAAAACATGGTAAGAGGGTTA
 GACGAAGATGAGACCAACTTCTTGATGAGGTTTCTCGGCAGCAGGAGCTGATAGAGAAGCAGCGCGAG
 AAGAAGAACTAGAGGAAGTGAAGGAGTACAGAAGTAATCTCAACAAGGTTGGAATTTCTGCAGAAAATAA
 AGAAGTAGAGAAGAAGCTGGCCGTGAAACCCATAGAAACCAAGAACAAGTTCTCCAGGCAAGCTGTTG
 GCAGGAGCTGTGAAACATAAGAGCTCAGAGAGTGGCAATAGTGTGAAGAGACTGAAACAGACCCCGACC
 CAGATGACAAGGCTCAAGAGGCCCGCTCCTGCATGTCTCTTGGAAAGCTCTTCTCTGAGCGGACCTCCCTC
 CATCCACTGCCGTCGGCTGCTGTGTGCATCGGCATCCTCCCTGGCTTGGGCGCCTACTCTGGGAGCAGT
 GACTCCGAATCCAGTTCAGACAGTGAAGGCACCATCAATGCTACAGGGAAGATCGTCTCCTCCATCTTCC
 GAACCAACACCTTCTCGAGGCACCCTAGCTCCTGATATTACCACAGGGAGCATCTCAGAGGTTGGATG
 CCAGTTCTGCCTCGGCATCACCTCCCTCAGAAAACCTACTCACCTGCTTCTGTGCACATGTGACATTTT
 AACCTAACTCAGAAATGTGTCTCAGTCCACTTGTGGCTCAAACCTCGGCTTGAATTTCTTTATACTCCTG
 TGCAGATGACCAACCTGTCCCATTGATATGAGGAGTTCGGGTTTCAAGGCTTGTCTCAGAAATGTCACGGA
 CAGTGCAAGGACAGGCAGCAGCTGGCCTGCCAGGTTTGGTGTACCTTGTGCTGTCTTGTATATCTCCT
 TACCTAGCAGCACAGGAAGCAAGGCAGCGTTAGCTTCATATGTTGTTGTAGATGAATGGTTTTCTTGGT
 TCTACCATGTTGTGTGGGCATAGAGAAAGGGGCTGACCAGCTGGTGACATGGAGCTGTCCCCTAGAAC
 TAACCCTTCTGGGTGTTGTGTGACTTAAGTAAAAATCTCAAGCCTCACCCACAAGGCTGTGAGCCAACG
 ACAGCCCTTGAGCAGAGACTCTCCATGTCTCCCTCTCCATCCAGCCTGAGGAGGTAGGAAGGAGCTG
 ACCACGAGAACATGACCATCCTCTGCCACCTTCTCTCTGAAAAAATGTTTTGATTTTGTGTTTTGAAA
 TAAAAGATTTAGTTTAAAGATTCTAAAAAAAAAAAAAAAAA



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Restriction Sites:	RsrII-NotI
ACCN:	NM_028221
Insert Size:	765 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:	BC025472 , AAH25472
RefSeq Size:	1788 bp
RefSeq ORF:	765 bp
Locus ID:	102122
UniProt ID:	Q91WE2
Cytogenetics:	8 C5
Gene Summary:	Promotes the association of the proteasome activator complex subunit PSME3 with the 20S proteasome and regulates its activity. Inhibits PSME3-mediated degradation of some proteasome substrates, probably by affecting their diffusion rate into the catalytic chamber of the proteasome. Also inhibits the interaction of PSME3 with COIL, inhibits accumulation of PSME3 in Cajal bodies and positively regulates the number of Cajal bodies in the nucleus. [UniProtKB/Swiss-Prot Function]