

Product datasheet for **MR203248**

Fam192a (NM_028221) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam192a (NM_028221) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fam192a
Synonyms:	1700001O11Rik; 2310065K24Rik; AI596259; Nip30
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR203248 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGATGGAGAGGACGATAGTAACCTTGTTCATCAAAAAGAGGTTTGTGTCTGAGGCAGAGCTAGATGAGC
GGCGCAAAGGAGGCAAGAAGAATGGGAGAAAGTGCGAAAACCAGAAGACCCAAAAGAATGTCCAGAGGA
GGCGTATGACCCCGGTCTCTGTACGAACGGCTGCAGGAACAGAAAGACAGGAAGCAGCAGGAGTATGAG
GAGCAATTCAAATTCAAAACATGGTAAGAGGGTTAGACGAAGATGAGACCAACTCCTTGATGAGGTTT
CTCGGCAGCAGGATCTGATAGAGAAGCAGCGGCGAGAAGAAGACTAGAGGAAGTGAAGGAGTACAGAAG
TAATCTCAACAAGTTGGAATTTCTGCAGAAAATAAAGAAGTAGAGAAGAAGCTGGCCGTGAAACCCATA
GAAACCAAGAACAAGTTCTCCAGGCAAAGCTGTTGGCAGGAGCTGTGAAACATAAGAGCTCAGAGAGTG
GCAATAGTGTGAAGAGACTGAAACCAGACCCCGACCCAGATGACAAGGCTCAAGAGGCCCGTCTCGCAT
GTCTCTTGAAGCTCTTCTCTGAGCGGACCTCCCTCCATCCACTGCCCGTCGGCTGCTGTGTGCATCGGC
ATCCTCCCTGGCTTGGGCGCCTACTCTGGGAGCAGTGACTCCGAATCCAGTTCAGACAGTGAAGGCACCA
TCAATGCTACAGGAAGATCGTCTCCTCCATCTCCGAACCAACACCTTCTCGAGGCACCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_028221.1](#)

RefSeq Size: 1812 bp

RefSeq ORF: 765 bp

Locus ID: 102122

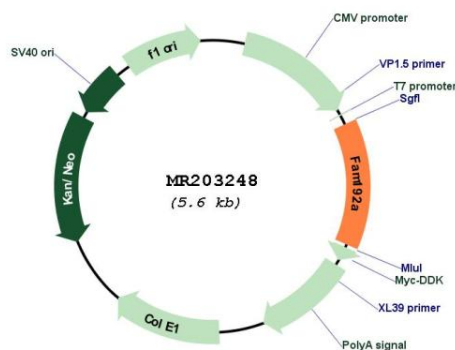
UniProt ID: [Q91WE2](#)

Cytogenetics: 8 C5

MW: 28.7 kDa

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]

Product images:



Circular map for MR203248