

Product datasheet for **MC200547**

Fam96a (NM_026635) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam96a (NM_026635) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fam96a
Synonyms:	5730536A07Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC005745 sequence for NM_026635
GCGTTGCAGTTTTGAGTCCCGCCTATTCTCTGCTCCCCTAAACCTTTACACATGTCTTGTTTTATTGAA
GACCAGGAAGTTCTCTCGAGGTCGGCTGCGGAAAGACGGTGGCTCGGTTGGGACAGTCGCCAGGGATG
GCGGAACGTGAGGATGGAGCGAGTGTCTGGGCTGCTTTCCTGGACGCTGAGCAGGGTCTATGGCTCTCA
GGTTTTCTGAGCACGGAGCTGCCTGGCAGCCCCGGATCATGGAAGAGAAAGCGCTAGAAGTTTATGATT
TGATTCGAACTATCCGGGACCCAGAAAAGCCCAACTTTAGAGAAGTGAAGTGGTCACAGAGAGTTG
TGTGGAAGTTCAAGAAATAAATGAAGATGACTATTTGGTTATTATCAAGTTCACACCAACAGTACCTCAT
TGCTCTTTGGCAACTCTTATTGGGCTGTGCCTAAGAGTAAAGCTCCAGCGGTGTCTGCCGTTCAAACACA
AGTTGGAAATCTACATTTCTGAAGGAACCTACTCGACAGAAGAAGACATCAACAAGCAGATAAATGACAA
AGAGCGAGTGGCAGCTGCAATGGAGAACCCCACTTCGGGAAATCGTGAACAGTGCCTCCTCGAGCCG
GACTGACCCTCCCTAAGAGCCAGTGGCTTAGAAGTGTGGATCTGCTAGTTTCAATCCTTTGTAAGATG
TAGAGGACACATGTTGACTAGATAGGTGATTTGTACCTCAGAGCTTTTTGTTTTTTGTTTTTCAAGAC
AAGTTTTCTGTGTGGCCCTGGCTGTCCTGGAACCTGTTCTGTTGACCAGGCTGACCTTGAACCTCAGAG
ATCCACCTGGCTGTCTCCCAATGCTGGGATTAAGGTGTACACCACCTGCCTGGCCTTCAGAGCA
TCTTTTAAGAGGATTCTTTCTGAGCAAATTTCAAGTTATGAGGTAGATTCTAATTGTTCAATGAGTAACAT
TCTCAGGATTTCTAACTCAAGTATCAGACAGAAAATATTTCTAGTTATTATGTGTAATAATGTTACTAT
TTTTCTGATGACCATTCTGATACAACCTGCTTTTCATGTCAAATATCTACTGTGCCAAATGTATTTGATT
TAAACCATTCTAAATAAATATGACATGATTCTTTTAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites:	RsrII-NotI
ACCN:	NM_026635
Insert Size:	483 bp



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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>BC005745</u> , <u>AAH05745</u>
RefSeq Size:	1180 bp
RefSeq ORF:	483 bp
Locus ID:	68250
UniProt ID:	<u>Q9DCL2</u>
Cytogenetics:	9 C
Gene Summary:	Component of the cytosolic iron-sulfur protein assembly (CIA) complex, a multiprotein complex that mediates the incorporation of iron-sulfur cluster into extramitochondrial Fe/S proteins (PubMed:23891004). As a CIA complex component and in collaboration with CIAO1 specifically matures ACO1 and stabilizes IREB2 (PubMed:23891004). May play a role in chromosome segregation through establishment of sister chromatid cohesion. May induce apoptosis in collaboration with APAF1 (PubMed:25716227).[UniProtKB/Swiss-Prot Function]