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Product datasheet for MC203239

Fam96b (NM_026753) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam96b (NM_026753) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fam96b
Synonyms:	1110019N10Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC055880 CGCGGTTCCGGGATGGTGGGCGGCGGCGGTAGCGGCGGCGGGCTCTTAGAGAACGCTAACCCCCTCATCT ATGAGCGTTCCGGGGAGCGGCCAGTGACGGCGGGCGAGGAAGATGAGGAAGTGCCGGACAGCATCGACGC CCGGGAGATCTTCGATCTTATCCGCTCCATTAATGACCCGGAGCATCCACTGACACTGGAGGAATTGAAC GTAGTAGAGCAAGTTCGGATTCAGGTTAGCGACCCAGAGAGCACAGTAGCAGTGGCCTTCACACCCACCA TCCCACACTGCAGCATGGCCACGCTTATTGGCCTCTCCATCAAAGTCAAGCTGCTGCGATCCCTTCCCCA GCGGTTCAAGATGGATGTACACATTACACCCGGGACCCACGCCTCCGAGCATGCAGTGAACAAACAACTT GCAGATAAGGAGCGAGTGGCAGCTGCCCTGGAGAATACACACCTGCTTGAGGTTGTTAATCAGTGTTTAT CCGCCCGCTCGTGAGCCTGGCTTTGGACCCCCAGCCTGCACTCAGGTTGTCCTGGCCTCAGCTCCACCAA GGGCTCATGGCTTTGTTTTCTTGAATCACTGACAAGGAGAAACTTAACACTTTTTATTTTGTAATAAACC CTTAATTTATATTCATTTCCCAGTAAAAAAAAAAAAAAAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_026753
Insert Size:	492 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).

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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: BC055880, AAH55880

RefSeq Size: 672 bp

RefSeq ORF: 492 bp

Locus ID: 68523

UniProt ID: Q9D187

Cytogenetics: 8 D3

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. As a CIA complex component and in collaboration with CIAO1 and MMS19, binds to and facilitates the assembly of most cytosolic-nuclear Fe/S proteins. As part of the mitotic spindle-associated MMXD complex it plays a role in chromosome segregation, probably by facilitating iron-sulfur cluster assembly into ERCC2/XPD.[UniProtKB/Swiss-Prot Function]