

Product datasheet for **MC212723**

Fam43a (NM_177632) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam43a (NM_177632) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fam43a
Synonyms:	Tuf1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC212723 representing NM_177632
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGCTGCCGTGGAAGAAGCACAAAGTTCGAGCTGCTGGCCGAGGCGCCGCCGCGCAGGCGTCCAAGCCTA
 AGGGCTACGCTGTGAGCCTGCACTACTCCGCGCTCAGCTCCTTGGCGAGAGCCTGCCCGGAAGGCGCGCT
 CAGCCGGGTGGGAGCATGTTCCGCTCCAAGCGCAAGAAGCTGCACATCACCAGCGAGGACCCCACTTAC
 ACTGTGCTCTACCTGGGAATGCCACCACCATCCAGGCGCGGGGACGGTTGCACTGACCTAGCGGTGG
 GCAAGATCTGGAGCAAGAGTGAGGCCGGCGCTCAAGGACTAAGATGAAGCTGACCGTGAGTGCGCAAGG
 CATCCGCATGGTGCATGCCGAGGAGCGAGCGCTGCGACGTCCCGGCCACCTCTACCTGCTGCACCGCGTC
 ACCTACTGTGTGGCAGACGCGCGGCTACCCAAAGTCTTCGCTGGGTATACCGGCATGAGCTGAAGCACA
 AGGCGGTAAATGCTACGCTGCCACGCGGTGCTGGTGTCCAAGCCGGAAGGCTCAGGCCATGGCTCTGCT
 GCTTTACCAGACATCAGCCAACGCTCTGGCAGAGTTTAAACGTCTCAAGCGCGGGATGATGCGCGTCAC
 CAGCAGCAGGAGTTGGTGGGCGCACACACCATCCCACTAGTGCCGCTGCGCAAGCTGCTCTTGACGGAC
 CTTGCTGTACAAGCGCCAGTGAGGCGCAGCCGAGCGCTCCCAAGCTGGGCTCCATCACCAGGACCT
 GCTTGGGGAACAGCAAGAGGAGGAGCTGCAGGAGGAAGAAGAGGAGCATCTGGAGGACTGCCTGGAGGAG
 GAGGAAGAAGAGGACGGTGTGGGGATGGGGATCCAGCAGAGGAAGAGGCTGAGGCGCAGAGGGCGCTGG
 TGGTGGCCATGCAGTTGGAATGTGAGGACTTGTGGACCCGCTGGAAAATGGCCACGAGGAGGCGTTGGG
 GGACGGCGGGGTCTCGTGGGCCCCAGCTCGGGGACATCACTTCCTCTGTAGTCTGTGCCTCAGACATG
 AAGGCCAACTGTCACAGCTTATTAGTGACCTGGGCGACCTAGCTTTGGCAATGACGTGAGCACCTGG
 AGACCGATTTAAGGGTGACACGCTGCTGTCGGGCGAGAGCACAGGCAGCGAGAGCTCCATCGAGGGCGG
 AGGCCTGGATGCCACCCCTGTGAGCCCTGGCAACCCATCGGGCCCTGCTGACAGCACCAGCCTAGATGAG
 CCCTACTCGGGCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_177632
- Insert Size:** 1275 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:**
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.

Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_177632.3, NP_808300.1</u>
RefSeq Size:	3075 bp
RefSeq ORF:	1275 bp
Locus ID:	224093
UniProt ID:	<u>Q8BUP8</u>
Cytogenetics:	16 B2