

Product datasheet for **MC226993**

Fam105a (NM_001242424) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam105a (NM_001242424) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fam105a
Synonyms:	9830126M18
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC226993 representing NM_001242424 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGCGCCGAGGAGCGCGCCGCGGGAGCGGGAGCGCGCTCGGACCCTCAGGAAGTGACCAAGTTC
ACTCCTGGATACTAGTTACAAGCCAAGTCCTTAGTGCTGCCTGGAGAATAGCAAGGGCCTTTGTGATGAC
GACGCTCTCTCTGTCCGCTACCTTCAGCTACTTCAGAAGCCTGTATTTATACTTAGGGCATCAGCTG
AAATGGTGGATCGGCTATCTACAGAGAAAGTTCAAAGAAACCTCAGTGTGGAGGCAGAAGTAGATTTAC
TCAGTTATTGTGCAAGAGAGTGAAGGGAGAAGCCCCGCGTGCCAGACTGATGCGGAAGGCCTATGAGGA
ATTGTTCTGGAGGCACCATATTAATGTGTTTCGAGCAGTCAAGAGAGATAACTACGATGCTCTCAGATCT
GTGTTGTTCCAGATCTTCAGCCAAGGCCTCTCCTTCCCATCATGGATGAAGGAAAAAGACATCGTTAAGC
TTCCTGAAAACTACTCTTTTCTCAAGGCTGTAAGTGGATCCAGCAGTACAGTTTCGGGCCTGAGAAGTA
CACAGGTTCCAATGTGTTTGGAAAGTTACGGAATGTGTGGAGTTACTGAACTGCAGTGGACTGAGTTT
AGTGGGATGAGAGATCACCACAAGAGAGGGAGCATGTGTAAACAGCCTCTTCTCCGACGCCATCCTGGAGT
GTAACTGTACGAAGCTTTGAAGTTCCTCATGCTCTACCAGGTCACGGAAGCGTATGAGCAATGAAGAC
CAACAAGGTTATCCCCAGCCTTTTCAGACTCCTGTTTTCCGGGAGTCATCGCCGGATCCTTTGAGCTTC
ATGATGAATCACCTGAATTCATAGGCGACACTTGTGTTTGGATCAGTTTCTCCTGACTTCTTGCTAG
TCATGGTCTGCCCTGCTCCACACCGTGGTACTTGTCC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001242424



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Insert Size:	954 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001242424.1, NP_001229353.1</u>
RefSeq Size:	3068 bp
RefSeq ORF:	954 bp
Locus ID:	223433
Cytogenetics:	15 B1
Gene Summary:	Lacks deubiquitinase activity.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 3' UTR and coding sequence compared to variant 1. The resulting isoform (2) has a shorter and distinct C-terminus compared to isoform (1).