

Product datasheet for **RN207176**

Fam105a (NM_001037648) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam105a (NM_001037648) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fam105a
Synonyms:	MGC124675
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN207176 representing NM_001037648 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGAAGGCGACGAGGAGCGCGCGGGAGCGGGAGCGCTCTCGGACCACCTCAGGAAGTGACCAAGTTC
ACTCTTGGATACTAGTTCCAAGCCAAGTCTTCATGCTGTCTGGAGAATAGCAAGGGCTCTGTGATGAC
GGCGCTCTCTTCTGTGAGCTACCTCAGCTACTTCAGAAGCCTGTATTTGATTTAGGGCATCAGCTG
AAATGGTGGATTGGCTATCTACAGAGAAAGTTCAAAGAAACCTCAGTGTGGAGGCAGAAGTAGATCTAC
TCAGCTATTGTGCAAGAGAGTGAAGGGAGAAACCCCGCTGCTAGACTGATGAGGAAGGCTTATGAGGA
ACTCTTCTGGAGGTACCATGTTAAATGTGTTCCGACCAAGTGAAGAGAGATAACTATGACGCTCTCAGGTCT
GTGTTGTTCCAGATCTTCAGCCAAGGCCTCTCCTTCCCATCATGGATGAAGGAAAAGACATCGTTAAGC
TTCCTGAAAAGCTACTCTTTTCTCAAGGCTGCAACTGGATCCAGCAGTACAGTTTCGGGCCTGAGAAGTA
CACAGGTTCCAATGTGTTTGGAAAGTTACGGAATGTGTGGAGTTACTAAACTGCAGTGGACTGAGTTT
AGTGGGATGCGAGATTACCACAAGAGAGGGAGCATGTGTAAACAGCCTCTTCTCCGACGCCATCCTGGAGT
GTAAACTGTACGAAGCTTTGAAGTTCCTCATGCTCTACCAGGTCACAGAAGTGTACGAGCAATGAAGAC
CAACAAGATTGTCCCAGCCTTTTCAGACTCCTGTTCTCCGAGAGTCATCACCGGATCCCTTGAGCTTT
ATGATGAATCACCTGAATTCCATAGGAGACAGTGTGTTTGGATCAGATCGACATGTTTATACTCGGGT
ATTCTCTTCAAGTAAAGATAAAAGTGTTCGACTGTTCAAGTTTAACTCCAGAGACTTTGCAGTCTACTA
CCCCGAGGAGCCTCTCAGGGAGTGGCCAGAGATCTCCCTGCTGACCGAGAATGACCACCAGTACCACATT
CCTGTCTT**CAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001037648
Insert Size:	1062 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.
RefSeq:	<u>NM_001037648.1, NP_001032737.1</u>
RefSeq Size:	1564 bp
RefSeq ORF:	1062 bp
Locus ID:	310190
UniProt ID:	<u>Q3B7D8</u>
Cytogenetics:	2q22
Gene Summary:	Lacks deubiquitinase activity.[UniProtKB/Swiss-Prot Function]