

Product datasheet for **MC212612**

Fam173a (NM_145410) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam173a (NM_145410) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fam173a
Synonyms:	MGC6974
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC212612 representing NM_145410 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAACTACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGGATCAGGACGACCCAGCCGAAGCGTTGACTGAGCTACGCGAGAAGCGGCTGGGCTTGCTGGAGATAG
TGCAAGCGGGCGGAGGCTCGGGATTGGCCGTCTATACTATATGGGCGCTGCTGCTGCAGCCGGGCTTCCG
CCGGGTGCCTCTGAGGCTGCAGGTGCCCTACGTTGGCGGAGTGCCCGGAGGTTGAGAACGTGCTGTCA
CTGTTGCGAGGCCGCCCTGGAAAAATGGTGGATCTAGGCTCTGGTGATGGCAGGATCGTGCTGGCGGCC
ACCAATGTGGTCTCCGTCCAGCTATGGGATATGAGCTGAACCCGTGGCTTGTTGGGACTTGACAGGCTGCA
TGCTGGAGAGCCGTTGTTCTGCGAGTGTCTGTACCATCGAAAAGATCTCTGGAAGGTGAGCCTCAGG
GACTGTCAACAACGTGTCTGTGTTCTGGCTCCAGTGTGCTCCAACCTGCTGGAGGACAACTGCAAGCAG
AGCTCCCTGTGGGGGCCGTGTGGTATCTGGACGATCCCCCTTCCACCTGGCAGCCTGTAGCTGTGGT
GGGCGAGGGCACTGACAGAGTTTGGGCTATGATGTCCATGGTTCTGGGCCAACTGTGTCTTCTGTGGG
GTGCCCATCAAGGCCATCCAGAGTCCAGTTCTACCTAGTCCCTAGAGCCCTGTT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_145410
Insert Size:	690 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:	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_145410.4</u> , <u>NP_663385.2</u>
RefSeq Size:	918 bp
RefSeq ORF:	690 bp
Locus ID:	214917
UniProt ID:	<u>Q501J2</u>
Cytogenetics:	17 A3.3
Gene Summary:	S-adenosyl-L-methionin-dependent protein-lysine N-methyltransferase.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).