

Product datasheet for **MC228211**

Fam124a (NM_001243857) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam124a (NM_001243857) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fam124a
Synonyms:	EG629059
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228211 representing NM_001243857
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAACCCGAAGCGGGCGGTGAGGAAGAGGACTGCGTGGACTCTGGCGCCGAGACCGGAGGGTCCGACT
 ACAGCCACTGTCTCCACCAGCAGTGAGCTTTCTGTGGAGGAGGCACAGGACCTTTCCTGGTGAGCAT
 CCACATCATCGCAGACCCAGGGAGTCACAGCCACTGCAGGAGGCCATCGACAAGTTTTGGCGTGGTT
 CACCCTGATCTCCACTGTTCCGAGTGTCTGAGAGGCGCACAACCAGGCGAAGGCGGAAGTCTCCCAAGG
 GTGCACAGCCGGCGCTGGCGGTGGTGTCTTCTACAGGAGGAGTACGGAGAGGAGCAGATCCTACAGGT
 ACACAGGGTGTGCAGCAGCCGCCCTGGCGTACCACCACACAGAGCGAGTGCATGGCCGTTTCATACCC
 TACCTGCCTTGCAGTCAGGACTTCTTCACTCTGGCTCCCGGGACCCCACTGTGGCAATCAGGCCGGTGC
 ACTACGGCAAGGAAATCGTGCCTTACCATCTACTGTCGCCATAACAGCTACACTGACAGCCTCCGCTT
 CTATGAGCTGATCTTGCCTGGAGCCCCAGCCAGCGGAAAGCAGACTTCTGCATCTTCCCAATTTCTCC
 AATCTGGATGTGGACATCCAGTTCTCCCTGAAAAGACTACCTGCGACCAGAAGCCAGTGCCACCAGACT
 CCTCCGTGCTGGAGTTCGAGTGAAGGACATCGGGCAACTGGTACCGCTCCTTCCCAACCCCTGCAGCCC
 CATCAGCGAGGGGCGCTGGCAGACTGAGGACCAGATGGCAACAAGATCCTTCTGCAGGCACAGAGGACA
 CAAAAAGGCCCAAGTACAGCAGAGCAGTCACTCCTCTGAGAAGAAACCACATTCTGCTCCTCCTG
 CAGCGGTGCACACACAAACACAGGACAGGGCAGCAGCCAGACAGCCCTACATGACAGCCATCCAACCA
 GATAGCCCGGCTCCCTGGGGACAAGCAGGAGTATAACACACAGTCGAGCACCTCCAGCCCTGCCTGGTCT
 TTCCCGAGAAGCAAGTCTTTGTTTTGTTTGCCAGTGGAGGCCCTTCCCAACTGAACCACAGCCACTAC
 CGACCAATTCAGAGACACAGTGCATCGGAGTGAAGCCTAGCCGCCTCATGTCCATTGATGACTTAGA
 AGGGGCCCAAGAGACAGATGTGGACACAGGCCTGCGGCTGTCTCCTCAGACCTGTCTGGTCTCTGCA
 TATTCTGCACCCAGTAGGTTTTACAACAATAGAGGCACCCCTCTCCTCTGAGAGATGCAGTAGCCACT
 GGCCAGCACACAAGAGTCCCAAGAAAGGACCTATGCCCGTCCAGTGAGGTAAGCCAGACACTGCCTG
 TGTTTCCACCCTCTCTTACCAAAGGGTCCCCAGGCCGTCAGAGACAATACTCCTGCTCTCAGCT
 TCTGATGCCTCCTTGTCTCACAGAGTCATCCACACACACCCATGTGATGACCCCAAGCCACACAGGGTG
 TCCAAGGCATGCTATTGCCTCCAACAACAGTTGGTCTGAGACTGATGACATGGAGGAGTCTACATCTG
 A

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001243857
- Insert Size:** 1611 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.

RefSeq: [NM_001243857.1](#), [NP_001230786.1](#)

RefSeq Size: 3557 bp

RefSeq ORF: 1611 bp

Locus ID: 629059

Cytogenetics: 14