OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MC223492

Fam160a1 (NM_172682) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam160a1 (NM_172682) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fam160a1
Synonyms:	9930021J17Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>MC223492 representing NM_172682
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGATGTCATCGGTTTCTACAGAAAGCAAACTCCAGCAGGCTGTGAGCCTGAAGGGAGTTGACCCAGAAA
CATGCATGATTGTGTTTAAGAACCACTGGGCACAGGTTGTGAAAATCTTAGAGAAGCATGACCCCTTGAA
GAACACCCAGGCAAAATATGGGTCCATCCCCCCAGATGAGGCCAGTGCTGTGCAGAACTATGTAGAACAC
ATGCTTTTCCTGCTAATCGAAGAGCAAGCCAAGGATGCTGCGATGGGGCCAATCCTGGAATTTGTGGTCT
GCGAGAACATCATGGAAAAGCTCTTCCTTTGGAGCTTGAGACGAGAATTCACTGATGAAACCAAACTTGA
GCAGCTAAAGATGTATGAGATGCTGGTCACTCAGTCCTACCAGCCTCTGCTGCACCACAAGCCCATCCTG
AAGCCCCTCATGATGTTGCTGAGCTCCTGTTCGGGGACAGCCACCCCAGCTGTGGAGGGAAAGCTAGTTG
TCCTGCTCAATCAGCTCTGCTCCATCCTTGCCAAAGATCCATCCATCCTGGAACTCTTCTTCCACACCAG
TGAGGACCAAGGGGCTGCCAACTTCCTCATTTTCTCTCTTCTGATACCCTTCATTCATCGAGAGGGCACA
GTAGGCCAGCAAGCAAGAGATGCTTTGCTATTTATCATGTCTCTCTCTGCTGAGAACAGCATGGTGGCCA
ATCACATTGTGGAAAATACCTACTTCTGTCCCGTGCTTGCAACGGGACTCAGTGGCCTGTACTCTTCGCT
GCCCACAAAGCTGGAAGAGAAGGGTGAGGACTGGCACTGCATTCTGAAGGACGACTGGCTCCTGCTGCCT
GCCCTCGTGCAGTTCATGAACTCGCTGGAGTTCTGTAACGCAGTCATCCAGGTGGCTCACCCCTTGATCC
GCACTCAGCTCGTCAGCTACATTTACAATGGATTTTTGGTACCAGTATTGGCTCCTGCACTCCATAAGGT
GACGGTGGAGGAGGTCATGACCACAACAGCATACCTGGACCTCTTCCTGCGCAGCATCTCTGAGCCGGCG
CTCCTGGAGATCTTCCTCCGCTTCATCCTCTTGCACCGGCATGAGAACGTTCACATCCTGGACACCCTCA
CCAGCCGGATCAACACCCCTTTTCGGCTTTGTGTGGTGTCCTTGGCGCTGTTCAGAACTCTCATCGGCTT
ACACTGTGAAGATGTGATGTTACAGCTAGTTTTAAGGTATCTGGTCCCCTGCAATCACATGATGCTGAGT
CAAAGGTGGGCTGTGAAGGAGAGAGACTGTTACTCCGTGTCCGCTGCCAAGCTGCTTGCCTTGACCCCTG
TCTGTTGTGCCAGTGGCATCACTTTGACACTTGGGAACCAAGAAAGGGATTATATTCTCTGGTCCAAGTG
TATGCATGATGGCTCAGGATCTGAGGAGCAGCTGCTGCCAGAGACACCCTGCTCGCCCTCTTCACCTTCC

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CCTCCTCCCCCACCCGCCCCAGCAGCCTGCATTGTGGAGTATGGGAAGGCCCTGGACATCAGCTACCTGC
AGTATCTGTGGGAGGCCCACACCAACATCCTCCACTGCATGAGGGACTGCAGAGTGTGGTCAGCCCTCTA
TGATGGGGACTCACCTGACCCTGAGACCTTTCTGCAGAGTCTGTCAGAGGAGAGCCGAGAAAACTCAGGT
CACCCAGAGGCCAGACTCCCACAGCAGAGTGTTAGGACTTCAGGACAGACAAAGGACAAGAGCCAGTCAG
AGCTAGAATGGGATGACAGCTACGACACTGGTATCTCTTCAGGGGCAGATGTGGGCTCCCCCGGGCCTGA
TGACGAGGTGGAGACCCCGGCCCCACCAGCACCTATTGATCCCCCCAAACACATCCAAGAGATGAAGAAG
AACGCCATCCTCCTCTTCAAGGGGTCCTACATTGAGGAGTCAGACTTCCAGGATGACGTGATGGTATACA
GGCTATGTGCTGAGAAGGACACAGAGGACACCACAGAGCCACAGAAGGACACTTCAGAGCCGCAGGGGGA
CACCTTGGAGCCACTGGAGGACACTTCGGAGCAGCAGGAGGACACCTCAGAGCAGTTGGAGGACACCTCA
GAGCTACAGGAGGACACTGCGGAGCCGCAGGGGGACACTGCAGACCCAACCGCTGAGGCTCAGCCCAAGC
TCCAGCCGGAAGCCCAGAGTCTCCCCACGAGCAATGGACCTCTCTCTAGTCCCGATCCTGAGACAGAGTC
ACAACCCAGCAGGGAGAGTTCAGACCTGTGTCAGAACACGTTCTCAGAAGCCAAGCCAGAGAATGAGCCT
GGCGTAGCCTTAGCATTAGACTCGGAGTTGATAGCCACCACGTTTGAGGCGGAACCCCAGTCAGAATTGG
CAGTTGTCAGCACGGAGAGTGAAGACTTCATTGCACAGTACGACCAGATCATTCAAGAACTGGACTCTGG
CACTGAGGGCTTGACGGAGCAGAGCATCCCTATCTCAGAGCCCTCACTTCTTACACAGCAGGAAGAAAGG
AGGGAAGAGTGCAAAGAGGAGGAGGACGATGACTTCGACTCCCTCATGGCGGCCACGCCTGCCGTGGAGG
CCGGGTCATCCCCATTTGGTGTTGGAGAGGATACTGCCTTTAGCAGCCGCCATCCCGTGAGGACTCAGAG
TACGCCGTTCACAGGCCCATTCATCAGCGTGGTCCTGTCAAAGCTGGAGAACATGCTGGAGAACTCTCTG
CATGTCAACTTGCTTCTCATCGGCATCATCACCCAGCTGGCCAGCTACCCACAGCCGCTCCTTCGCTCCT
TCCTCCTCAACACCAACATGGTCTTCCAGCCCAGCGTCCGCTCGCTCTACCAGGTCCTTGCATCGGTGAA
AAACAAGATCGAGCAGTTTGCTTCTGTGGAGAGAGACTTCCCAGGCCTCCTCATCCAAGCTCAGCAGTAC
CTGCTCTTCAGGGTGGACATGTCTGACATGGCCCCTGCGGCACTCACCAAAGATCCCATTCAGGAGATCT
CCAGGCCAGAAAGTGACAAGACCCTTTTGGATGGCCCTCCACGTGTGCTTCAGCCCTTCCTAGGCAACAG
AGCCAAGGTGACCAGGGCACCCCCAAACCTGCCTCTGCCAGTGAAGAACACCATGCTGGCTGCTGCTCTC
TTCCCAGAGTTCCTGAAGGAGCTGGCAGCCTTGGCCCAAGAACACTCCATTCTGTGTTACAAGATCCTGG
GAGACTTTGAAGACTCTTGCTGTTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_172682

Insert Size: 3246 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: NM_172682.3, NP_766270.2

RefSeq Size:	4392 bp
RefSeq ORF:	3246 bp
Locus ID:	229488
UniProt ID:	Q505K2
Cytogenetics:	3 F1
Gene Summary:	Probable component of the FTS/Hook/FHIP complex (FHF complex). FHF complex promotes the distribution of AP-4 complex to the perinuclear area of the cell.[UniProtKB/Swiss-Prot Function]