

Product datasheet for **MC229239**

Fam160a2 (NM_001242363) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Fam160a2
Synonyms:	4632419K20Rik; 6530415H11Rik; FHIP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC229239 representing NM_001242363
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGAAGATGAACTGGTTAAGCAGGCTGGCCTCCCGGTCCCTGGGCACCGTGTAACCACAAGGGGCCA
GTCTACAGACCCCTGTGTCATGGCTGACCCCTGAGACATGCCTCATGGTCTTCAAGAATCATTGGTCCCAGGT
GGTACGAATCCTGGAGCGGCAAGGCCCTCGGGCAGCTACTGGAGGTGCAGATGATCTCAGTGTGTGAGA
AACCACAGTACCAAATGCTAACATTGCTGGCAGAGGATCGAGCAGTTCCTTCAGTCCCTCAGGCCCTG
GGCCCTGTAGAGTTTGTCTTTCGTGAAGATCTGCTGAGCCGAGTGTGACATGGCAGTTGCAATGGGA
TGAGTTTGGGATGGGTTGAAGAACGGCCGGCTGAACAAGTTGAAATATTTGAAATGCTAGTGAGCGAA
GCTCGCAACCTCTGTTGCGGCATGGGCCAGTTCGAGAGGCTCTGCTTGCCTACTGGATGCCTGTGGCC
GCCCTGTGCCAGTAGTCCAGCACTGGATGAAGGCCTGGTGTACTTCTCAGCCAAGTGTGCGTGTGTGT
TGCTCGGGAGCCTTCACTGCTCGAGTCTTCTTGCAGCCACCCAGAGCCTGGAGCTGCTCCACGTCTT
CTCCTCTTTCTCGCCTTGTCCCTTGTCCATCGAGAAGGCACCCCTGGCCAGCAGGCCCTGATGCTC
TACTTCTGCTCATGGCTCTGTGAGTGGGAGCCCACTGTGGGCCGCTACATCGCAGATCACTCTTACTT
CTGCCCGGTGCTGGCCACAGGGCTGAGCGCCCTGTACTCTCACTGCCTCGAAAGATTGAGGTTCCGGGG
GATGATTGGCACTGCTTGCGCCGGAAGACTGGATAGGAGTGCCTGCCCTTGCCTCTTCAAGATTCC
TTGAGTCTGCAATGCAGTCAATCAGGTAGCTCACCCTGGTGCAGAAGCAGCTGGTTGATTATATTTCA
CAATGGTTTCTGGTGCCTGTGATGGCCCTGCCCTGCACAAGACCTCTGTGGAGGAGATGATTGCGAGT
ACCGCTACCTGGAACCTTCTGCGGAGCATCTCAGAGCCTGCTTGTCCGTACCTTCTGCGATTCC
TGTTGTTACATCGGCATGATACCCACACCATCCTTGACAGCTCGTTGCCCGTATTGGCAGCAACTCCCG
GCTCTGCATGGTCTCTGAGTCTTCTCAGGACCTTCTGAACCTCAGCTGTGAGGATGTTCTGCTGCAG
CTGGTTCTCAGGTATCTTGTCCCATGTAACCATGTGATGCTAAGCCAGAAGCCAGCTGTGCGTGTGTTGG
ATCTTTATGGACGAGCAGCTGACAAGTTTCTCTCCCTAATACCACGCTGCTGCCGGCACCATGCCCTAG
CCCACCTCGACAGAGCATGCCTCATGGGCACGAGGCCCTGGAAGCCCAAGTGTGATTCTTCGTGAGT
GTAACAGTGGCCCCGCCCTCCACACCATCTCGTCTGGCTCTGTTTCTCGGCAACAGAGCCTAGGTGGCT
CTGAGTCCCGAGTCCAGTTCCTCGATCACCAGGGCTTACTGCATCTCAAACCTCCAGCCCTAGTGAAG
GCCAGCCCTGCAGAGGAGCCTGGTGAAGTGAAGACAATTACCTGGAGTATCTGCGTGAGGACGCGCCGT
GGTGTAGACCGCTGTGTCGAGCCTGCCAACCCTGCTGCCCTTATGATGGCGAGCGCCCCCTCCTG
AGCCTAACCTCTTGGCTCCCGACTAAGAAACGAGTCTACTACCAGAGGAAGACAGGGACAATGTAAG
GGAAGGAGAGGAGAAAACCTAGGGAGTCCAGGGTTAGCTGTGGGTGTAGGGGATACCCCTGGTACCTA
CTCCACCCAGCTCAATGGGGTACCAGGGCCATGGCCAGAAGGAGCAAGAAGTTGCTGCTGGTCCAC
GATTGGTACCACAGGAAGGAGTTAGGGAATTGTTAGAGGTACCTCTGAGGACATGGCAGGACTAGAGAG
CTTTGGGCAAGAGCTCCAGGAGCTGGAGGTGGCATTGAGCAATGGTGGAGCTGGCTCAGAGCCTCCCTTA
GAGCCTCCACTACCTCCTGAGGAGGAGGAGCCTACGAGAGCTTCACTGCCCTCCTGAGCCCCCGGCC
CCTTCTCAGCAGCCCTTTCGCGACTCTCCACCAGCTGCCGAGCCAGCCCTTCACTGGCCCTTCAATGGC
TGTGCTCTTGGCAAACCTCGAGAACATGCTGCAGAACTCCGCTATGTCAACTCCTGCTGACGGGGCTG
GTGGCCAGCTGGCTGTACCCCAAGCCCTGCTCCGCTCTTCTGCTCAACACCAACATGGTCTTCC
AGCCAGTGTCAAGTCCCTGCTGCAGGTGCTGGGCTCTGTGAAGAATAAGATTGAGAGCTTTGCGGCCTC
CCAGGAGGACTTCCCTGCTGCTATCCAAAGCCAAGAAGTACCTCATTGCCGTGGCAAGCTGGACTGG
GCTGAGGGTCTACAGCAGGACCTGCCCCCGCGCTCTGATTCCCTAGTGAGGAGCCGAGGCCATCCT
TGGGGGAATTACTCTGCGCATGCACACAGCCCAACCAAGGCCGAGCCGCTGAGGTTCTCCAAC
TGGGCGAGATGGAACAGGACTTGGACTAGGTGGGGCTCTCCAGGGCTTCAACTCCAGTCTACTTCCC
CGGGCGGGGCTTCTGAGCGCAAGGTGAGGCTCTCGAGTCAAGAATGCTGTACTGTGAGTCAATTT
TCCCTGAGTTTCTCAAGGAGTGGCTGCCATCTCCAGGCCATGCTGTACCTCGCCTTCTTGTGGA
TACTTCAGAGGAGTATCTTCTCCATCTCAGGCTTTGGGCCCTCAATCTTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001242363

Insert Size:	2928 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:	<ol style="list-style-type: none">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:	NM_001242363.2 , NP_001229292.1
RefSeq Size:	10944 bp
RefSeq ORF:	2928 bp
Locus ID:	74349
UniProt ID:	Q3U2I3
Cytogenetics:	7 E3
Gene Summary:	<p>Component of the FTS/Hook/FHIP complex (FHF complex). The FHF complex may function to promote vesicle trafficking and/or fusion via the homotypic vesicular protein sorting complex (the HOPS complex) (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript. Variants 1 and 2 encode the same isoform (a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>