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Product datasheet for MC228944

Fam160a2 (NM_001242365) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam160a2 (NM_001242365) Mouse Untagged Clone
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:

>MC228944 representing NM_001242365
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGAAGATGAACTGGTTAAGCAGGCTGGCCTCCCGGGTCCCTGGGCACCGTGTACCACAAGGGGCCA
GTCTACAGACCCCTGTCATGGCTGACCCTGAGACATGCCTCATGGTCTTCAAGAATCATTGGTCCCAGGT
GGTACGAATCCTGGAGCGGCAAGGCCCTCGGGCAGCTACTGGAGGTGCAGATGATCTCAGTGCTGTGAGA
AACCACACGTACCAAATGCTAACATTGCTGGCAGAGGATCGAGCAGTTCCTTCAGCTCCCTCAGGCCCTG
GGCCCCTGCTAGAGTTTGCTCTTCGTGAAGATCTGCTGAGCCGAGTGTTGACATGGCAGTTGCAATGGGA
TGAGTTTGGGGATGGGGTTGAAGAACGGCGGGCTGAACAGTTGAAACTATTTGAAATGCTAGTGAGCGAA
GCTCGCCAACCTCTGTTGCGGCATGGGCCAGTTCGAGAGGCTCTGCTTGCCCTACTGGATGCCTGTGGCC
GCCCTGTGCCCAGTAGTCCAGCACTGGATGAAGGCCTGGTGCTACTTCTCAGCCAACTGTGCGTGTGTGT
TGCTCGGGAGCCTTCACTGCTCGAGTTCTTCTTGCAGCCACCCCCAGAGCCTGGAGCTGCTCCACGTCTT
CTCCTCTTTTCTCGCCTTGTCCCCTTTGTCCATCGAGAAGGCACCCTGGGCCAGCAGGCCCGTGATGCTC
TACTTCTGCTCATGGCTCTGTCAGATGGGAGCCCCACTGTGGGCCGCTACATCGCAGATCACTCTTACTT
CTGCCCGGTGCTGGCCACAGGGCTGAGCGCCCTGTACTCCTCACTGCCTCGAAAGATTGAGGTTCCGGGG
GATGATTGGCACTGCTTGCGCCGGGAAGACTGGATAGGAGTGCCTGCCCTTGCACTCTTCATGAGTTCCC
TTGAGTTCTGCAATGCAGTCATTCAGGTAGCTCACCCGCTGGTGCAGAAGCAGCTGGTTGATTATATTCA
CAATGGTTTCCTGGTGCCTGTCATGGGCCCTGCCCTGCACAAGACCTCTGTGGAGGAGATGATTGCGAGT
ACCGCCTACCTGGAACTTTTCCTGCGGAGCATCTCAGAGCCTGCTTTGCTCCGTACCTTCCTGCGATTCC
TGTTGTTACATCGGCATGATACCCACACCATCCTTGACACGCTCGTTGCCCGTATTGGCAGCAACTCCCG
GCTCTGCATGGTCTCTCTGAGTCTCTTCAGGACCCTTCTGAACCTCAGCTGTGAGGATGTTCTGCTGCAG
CTGGTTCTCAGGTATCTTGTCCCATGTAACCATGTGATGCTAAGCCAGAAGCCAGCTGTGCGTGATGTGG
ATCTTTATGGACGAGCAGCTGACAAGTTTCTCTCCCTAATACCACGCTGCTGCCGGCACCATGCCCCTAG
CCCACCTCGACCAGAGCATGCCTCATGGGCACGAGGTGGGCCTAGCAGAGAGGCAGGGAGAAGGGAGGAC
ATCACGGGCCCTGGAAGCCCAAGTGTTGATTCTTCGTCAGTGGTAACAGTGCCCCGCCCCTCCACACCAT
CTCGTCTGGCTCTGTTTCTTCGGCAACAGAGCCTAGGTGGCTCTGAGTCCCCAGGTCCAGTTCCTCGATC
ACCAGGGCTTACTGCATCTCCAACTTCCAGCCCTAGTCGAAGGCCCAGCCCTGCAGAGGAGCCTGGCCCC
TTCATGGCTGTGCTCTTTGCCAAACTCGAGAACATGCTGCAGAACTCCGTCTATGTCAACTTCCTGCTGA
CGGGGCTGGTGGCCCAGCTGGCCTGTCACCCCCAGCCCCTGCTCCGCTCTTTCCTGCTCAACACCAACAT
GGTCTTCCAGCCCAGTGTCAAGTCCCTGCTGCAGGTGCTGGGCTCTGTGAAGAATAAGATTGAGAGCTTT
GCGGCCTCCCAGGAGGACTTCCCTGCTCTGCTATCCAAAGCCAAGAAGTACCTCATTGCCCGTGGCAAGC
TGGACTGGGCTGAGGGTCCTACAGCAGGACCTGCCCCCCGCCGCTCTGATTCCCTAGTGAGGAGCCGGAG
GCCATCCTTGGGGGAATTACTCCTGCGGCATGCACACAGCCCAACCAGGGCCCGACAGGCGGTGCAGGTT
CTCCAACCTGGGCGAGATGGAACAGGACTTGGACTAGGTGGGGGCTCTCCAGGGGCTTCAACTCCAGTTC
TACTTCCCCGGGGCGGGGCTTCTGAGCGCCAAGGTGAGGCTCTTCGAGTCAAGAATGCTGTCTACTGTGC
AGTCATTTTCCCTGAGTTTCTCAAGGAGTTGGCTGCCATCTCCCAGGCCCATGCTGTCACCTCGCCTTTC
TTGTTGGATACTTCAGAGGAGGTATCTCTTCCTCCCATCTCAGGCTTTGGGCCCCTCAATCCTTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001242365

Insert Size: 2376 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).
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_001242365.2, NP_001229294.1
RefSeq Size:	10301 bp
RefSeq ORF:	2376 bp
Locus ID:	74349
UniProt ID:	Q3U2I3
Cytogenetics:	7 E3
Gene Summary:	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] Transcript Variant: This variant (4) differs in the 5' UTR and has alternate in-frame splice junctions at the 3' ends of two exons compared to variant 1. The resulting isoform (c) contains an alternate internal segment and lacks another alternate internal segment compared to 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.

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