

Product datasheet for RN206419

Fam160a2 (NM_001005538) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam160a2 (NM_001005538) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fam160a2
Synonyms:	FHIP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN206419 representing NM_001005538 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGAAGATGAACTGGCTGAGCAGGCTGGCCTCCCGGGTTCCTGGTCACCGTGTACCTCAAGGGCCA
GTCTACAGACCCCTGTCATGGCTGACCCCTGAGACATGCCTCATGGTCTTCAAGAATCACTGGTCCCAGGT
GGTGCGAATCCTGGAGCGCAAGGCTCTCGGCAGCTGCTGGAGGTGCAGATGATCTCAGTGTGTGAGA
AACCACACGTACAAATGCTAACATTGCTGGCAGAGGATCGAGCAGTTCCTTCAGCCCCCTCAGGCCCTG
GGCCCCCTGCTAGAGTTTGTCTCTGCGTGAGGATCTGCTGAGCCGAGTATTGACATGGCAGCTGCAATGGGA
TGAGTTTGGGGATGGGGTGAAGAACGGCGGGCTGAACAGCTGAAACTATTTGAGATGCTAGTGAGCGAA
GCTCGGCAGCCTCTGTTGCGGCACGGGCCAGTTCTGTGAGGCTCTGCTTGCCTGCTTGATGCCTGTGGCC
GCCCTGTGCCAGTAGCCAGCACTGGATGAAGGCCTGGTGTACTTCTCAGCCAGTTGTGTGTGTGTGT
TGCTCGGGAGCCTTATTGCTCGAGTCTTCTTGCAGCCACCCCAAGAGCCTGGAGCTGTCCACGTCTT
CTCCTCTTTCTCGCCTTGTCCTTTGTCCATCGAGAAGGCACCCCTGGGTGAGCAGGCCGTGATGCTC
TACTTCTGCTCATGGCTGTGATGAGGAGCCCACTGTGGGCCGCTACATCGCAGATCACTCTTACTT
CTGCCCCGTGCTGGCCACAGGGCTGAGTGCCCTGTACTCCTCACTGCCTCGAAAGATTGAGTTCCAGGG
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ACCGCCTATCTGGAACCTTTCTGCGGAGCATCTCAGAGCCTGCCTTGCTCCGTACCTTCTGCGATTCC
TGTTGTTACATCGGCATGATACCCACACCATCCTTGACACCCCTGTTGCCCGTATTGGCAGCAACTCCC
GCTCTGCATGGTCTCTGAGTCTTTCAGGACCCTTCTGAACCTCAGCTGTGAGGATGTTCTGCTGCAG
CTGTTTCTCAGGTATCTGTCCCATGTAACCATGTGATGCTGAGCCAGAAGCCAGCTGTGCGTGATGTGG
ATCTTTATGGACGGGCAGCCGACAAGTTTCTCCTAATCCCACGCTGTGTCGACACCATGCCCTAG
CCCACCTCGTCTGAGCATGCCTCGTGGGCACGAGGTGGCCCTAGCAGAGAGCCAGGGAGAAGGGAGGAC



ATCACGGGCCCTGGAAGCCCCAGTGTGATTCTTCATCCGTGGTAAACAGTGCCCCGGCCCTCCACACCAT
 CTCGTCTGGCTTTGTTTCTCCGTCAGCAGAGCCTAGGTGGCTCTGAGTCCCCAGGTCAGCTCCTCGATC
 CCCAGGGCTTACTGCATACCAACCTCCAGCCCTGGTCGAAGACCCAGTCTGCAGAGGAGCCTGGTGAG
 CTAGAAGACAATTACCTGGAGTATCTGCGTGAGGCACGCCGTGGTGTAGACCCGCTGTGCCGAGCCTGCC
 GAACTGGTCTGCCCCCTATGATGGCGAGCGTCCCCACCTGAGCCTAACCTCTGGCTCCCGACTAA
 GAAACGCAGCCTACTGCCAGAGGAAGACAGGGACAATGTGAGGGAAGGAGAGGAGGAAAACCTAGGGAGT
 CGGGGGCTAGCTGTGGGTGTAGGGGATACTCTGGCTACCTACCCCAACCCAGCTCAATGGGGTACCAG
 GGCCATGGCCAGAAGGAGCCAAGAAGGTTGCTCTGGTGCCACGATTGGTGTACAGGAAGGAGTTAGGGA
 ATTGTTAGAGGGTACCTCTGAGGGCATGGCAGGACTAGAGAGCTTTGGGCAAGAGCTCCAGGAGCTGGAG
 GTGGCATTGAGCAATGGTGGAGCTGGCTCAGAGCCTCCCTTAGAGCCTCCACTACCTCCTGAGGAGGAGG
 AGGCTACGAGAGCTTACCTGCCCTCCTGAGCCCCCTGGCCCCCTCCTCAGCAGCCCTTTGCGGACTCT
 CCACCAGCTGCCAGCCAGCCCTTACCAGGCCCTTCCATGGCTGTGCTTTTGCCAACTCGAGAACATG
 CTGCAAGACTCCGCTATGTCAACTTCTGCTGACGGGGTGGTGGCCAGCTGGCTGTACCCCCAGC
 CCCTGCTCCGCTTTTCTGCTCAACCAACATGGTCTTCCAGCCAGTGTCAAGTCCCTGCTGCAGGT
 GCTGGGCTCTGTGAAGAATAAGATTGAGAGCTTTGCGGCCCTCCAGGAGGACTTCCCTGCCCTGCTATCC
 AAAGCCAAGAAGTACCTATTGCCCGTGGGAAGCTGGACTGGGCTGAAGTCTACAGCAGGACCTACCC
 CCCGCCGCTCTGATTCCCTAGTGAGGAGCCGGAGGCCATCCTTGGGGGAATTACTCCTGCGGCATGCACA
 CAGCCCAACCAGGGCCGACAGGCGGTACAGGTTCTTCAACTGGGCGAGATGGAACAGGACTTGGACTA
 GGTGGGGGCTCTCCAGGGGCTTCAACTCCAGTTCTGCTCCCCGGGGTGGGGCTTCTGAGCGCAAGGTG
 AGGCTCTTCGAGTCAAGAATGCTGTCTACTGTGCAAGTCAATTTCCCTGAGTTTCTCAAGGAGTTGGCTGC
 CATCTCCAGGCCATGCTGTCACTCGCCTTTCTTGTGGATACTTCAAGGAGGTATCTGTTCTCTCC
 ATCTCAGGCTTTGGGCCCTCAATCCTTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001005538
- Insert Size:** 2970 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_001005538.2](#), [NP_001005538.2](#)
- RefSeq Size:** 3470 bp
- RefSeq ORF:** 2970 bp

Locus ID: 293343

UniProt ID: [Q66H54](#)

Cytogenetics: 1q32

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]