

Product datasheet for **SC318448**

FAM13A (NM_014883) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	FAM13A
Synonyms:	ARHGAP48; FAM13A1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>SC318448 representing NM_014883.

Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGGGCGAGGAGCTCTAGCCATCTGTCAAAGTAAAGCAGCGGTTCCGGCTGAAAGAAGACATGAAAAAG
ATAGTGGCAGTGCCATTAAATGAACAGAAGGATTTTACCTATCAGAAGTTATTTGGAGTCAGTCTCCAA
GAACCTTGAACGGCAGGGGCTCACCAGAAATGGCATTCCAGCAGTAGTGTGGAATATAGTGAATATTTG
ACGCAGCATGGACTTACCAAGAAGGTCTTTTAGGGTGAATGGTAACGTGAAGGTGGTGAACAACTT
CGACTGAAGTTCGAGAGTGGAGTGCCCGTGGAGCTCGGAAGGACGGTGATGTCTGCTCAGCAGCCAGT
CTGTTGAAGCTGTTTCTGAGGGAGCTGCCTGCAGCTGATCACCTCAGCGTTGCAGCCTCGATTCACT
CAACTCTTTTCAGGATGGCAGAAATGATGTTTCAGGAGAGTAGCTTAAGAGACTTAATAAAAGAGCTGCCA
GACACCCACTACTGCCTCCTCAAGTACCTTTGCCAGTCTTGACAAAAGTAGCCAAGCATCATGTGCAG
AATCGCATGAATGTTCAATCTCGCCACTGTATTTGGGCCAAATTGCTTTCATGTGCCACCTGGGCTT
GAAGGCATGAAGAACAGGACCTGTGCAACAAGATAATGGCTAAAATCTAGAAAATTACAATACCCCTG
TTTGAAGTAGAGTATACAGAAAATGATCATCTGAGATGTGAAAACCTGGCTAGGCTTATCATAGTAAAA
GAGGTCTATTATAAGAAGTCCCTGCCCATCCTTTTAAACAAGAGGCTTAGAAAAGAGACATGCCAAAACCA
CCTCCAAAACCAAGATCCCAAAATCCAGGAGTGAGGGATCTATTCAGGCCACAGAGTACTGCAACCA
GAGCTATCTGATGGCATTCTCAGCTCAGCTTGGCGCTAAGTTATAGAAAAGCCTGCTTGAAGACATG
AATTTCAGCAGAGGGTGCTATTAGTGCCAAGTTGGTACCCAGTTTCAGGAAGATGAAAAGACCTCTGTCA
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ACCATCCGATCAGCTGTAGAACAACATCTTTTGTGTTAATAACTCTGGAGGTCAAAGTTCAGAGGAC
TCAGAAATCTGGAACACTATCAGCATCTTCTGCCACATCTGCCAGACAGCGCCGCCAGTCCAAGGAG
CAGGATGAAGTTCGACATGGGAGAGACAAGGGACTTATCAACAAAGAAAATACTCCTTCTGGGTTCAAC
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ATGAAGATCCAGGAGCATCCAGCCTATCTGACACCAACAGCAGAGAAATCAAGATGCCGGTGACCAG
GAGGAGAGCTTTGTCTCCGAAGTGCCCGAGTGGACCTGACTGCATTGTGTGATGAAAAGAACTGGGAA
GAGCCTATCCCTGCTTTCTCTCCTGGCAGCGGAGAACAGTGACTCTGATGAAGCCACCTCTCGCCG
CAGGCTGGGCGCCTGATCCGTGAGCTGCTGGACGAAGACAGCGACCCCATGCTCTCTCTCGGTTCTAC
GCTTATGGGCGAGCAGGCAATACCTGGATGACACAGAAGTGCCTCCTTCCCCACCAAACTCCCATTCT
TTATGAGGCGCGAAGCTCCTCTCTGGGGTCTATGATGATGAGCAAGAGGACCTGACACCTGCCAG
CTCACACGAAGGATTGAGACCTTAAAAAGAAGATCCGGAAGTTGAAGATAGATTGGAAGAAGAGAAG
AAGTACAGACCTTCCACAGTGACAAAGCAGCCAATCCGGAGGTTCTGAAATGGACAAATGACCTTGCC
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CTGGTGGATAAAGCAATAAAGCCAGTGTTGAAGCCACATTGGAATCTATTGAGGAAGCTCCAGGAG
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CAGGTGATGAAGCCACTATACGACAGGTACCGGCTGGTCAAACAGATCCTCTCCCGAGCTAACACCATA
CCCATCATTGGTTCCCCCTCCAGCAAGCGGAGAGCCCTTTGCTGCAGCCAATTATCGAGGGCGAAAT
GCTTCTTCTTCAAGGAGATAAAGGAAGAAGAGGAGGGGTGAGAAGACGATAGCAATGTGAAGCCAGAC
TTCATGGTCACTCTGAAAACCGATTTCAGTGCACGATGCTTTCTGGACCAATTGGAAGATGACGCTGAT
GGATTTATTTCCCAATGGATGATAAAATACCATCAAAATGCAGCCAGGACACAGGGCTTTCAAATCTC
CATGCTGCCTCAATACCTGAACTCTGGAACACCTCCAGGAAATGAGAGAAGAAAAGAAAGGATTGCA
AAGAAACTTCGGGATTTTGAAGACAACCTTTTCAGACAGAAATGGAAGAAATGTCCAGAAGGAAGACCGC
ACTCCTATGGCTGAAGAATACAGTGAATATAAGCACATAAAGGCGAAACTGAGGCTCCTGGAGGTGCTC
ATCAGCAAGAGAGACACTGATTCCAAGTCCATGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGCGCCGCG

Restriction Sites:

SgfI-MluI

ACCN:

NM_014883

Insert Size:	3072 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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_014883.2</u>
RefSeq Size:	5882 bp
RefSeq ORF:	3072 bp
Locus ID:	10144
UniProt ID:	<u>O94988</u>
Cytogenetics:	4q22.1
MW:	116.9 kDa