

Product datasheet for **RC218168**

FAM169A (NM_015566) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM169A (NM_015566) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	FAM169A
Synonyms:	SLAP75
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>RC218168 representing NM_015566
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCATTCCCTGTGGATATGCTGGAAAATTGCAGCCATGAGGAATTGGAAAATTCTGCTGAAGATTACA
TGCAGATTTAAGGTGTGGGGACCCTGAAAATCCAGAGTGTCTTCTCAATATTACGATTCCCTAT
TAGCCTGTCAAATGTAGGCTTTGTACCTCTTTATGGTGGAGATCAGACCCAGAAAATTTCTGCTCTTT
GCACCTGAAGATTCAGTACAGCTGTGGCACTTTACCTTGCTGATCAGTGGTGGGCTATTGATGATTTG
TGAAAACATCTGTTCTTCAAGAGAGGGCTTAAGCAGGTGAGCACTCTTGGGGAGAGAGTGGTTCTGTA
TGTTCTGAATCGAATTATTTATAGAAAACAGGAAATGGAGAGAAATGAGATCCCATTCTGTGTCATAGC
AGTACTGATTATGCTAAGATTCTGTGGAAGAAAGGAGAGGCCATTGGGTTTTATTAGTTAAGCCTACAG
GAAGCATATGTGCCTCTTTCTTACCCAAAGTTACCAATTGCCAGTCTTGATACAATGTTTCTAAGAAA
GAAATACAGAGGTAAGATTTTGGGCTTACATGCTGGAGGACTTGTGTTGATTCTTTACAGAAGATGCG
CTTGGCTTGGCGTATCCACTGTCTTCTCATGTATACAGCTTGAAGCAATACTTTGAGAAGTATCCAG
GAGACCATGAACCTCTTTGGGAAGTTGAAGGTGTTGGACACTGGTACCAGCGAATACCAGTCACCAGAGC
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TACTCGAAGTGGTAATCTAAAGCGGCCAAAGATTGGAAGCGGTTTCAGGATTCTGAATTTAGCAGTTCT
CAAGGTGAAGATGAAAAGACCTCCAGACTTCACTTACAGCTTCAATAAACAATTTGGAGTCTACTGCAC
GCCCCATCAGAGAGCTCAGAAGAATTCCTGGAAGAAGAACCTGAACAGAGAGGGATTGAATTTGAGGATGA
AAGCAGTGATAGAGATGCACGGCCAGCACTGGAACCCAGCCACAGCAAGAGAAGCAAGATGGTGAAGAAG
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AGGAAGACTCCACTAGTGAAGTTTTAGATGAAGAATAAAATTGCAGCCTTTTAATTCCAGTGAAGACTC
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CGTATACCTGACTCAGAAATGTTGATGGATGAAGGCACATCTGATGAAAAGGGGCACATGGAAGAGAAAT
TGTCCCTACTTCCAAGAAAGAAAGCACATCTTGGGAGTTCAGACAATGTTGCTACTATGTCAAATGAAGA
ACGATCTGATGGTGGTTTTCAAACCTCTGTGATAGCTGAATTTTCCGAAGAACCGGTCTCTGAGAATTTG
TCTCCTAATACTACTTCTCATTGGAAGACCAGGGTGAAGGAGGGGTATCTGAGCCCAGGAAACATCTA
CTGCTCTTCTCAGAGTTCTTTGATAGAGTTGAACTTGAAGACGTGCCATTTTACAGAATGCAGGACA
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AAAGCTGTGGATAGCAGCTCAGAGGAAATAGAAGTGAAGTGCCTGTGGTAGACAGGCGGAATTTAAGAA
GAAAGGCCAAAGGGCATAAAGGACCTGCTAAGAAGAAAGCTAAGCTGACC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC218168 representing NM_015566
Red=Cloning site Green=Tags(s)

MAFPVDMLENC SHEELENSAEDYMSDLRCGDPENPECFSLNITIPISLSNVGFVPL YGGDQTQKILALF
 APEDSLTAVALYLADQWVAIDDIIVKTSVPSREGLKQVSTLGERVLYVLNRIIYRKQEMERNEIPFLCHS
 STDYAKILWKKGEAIGFYSVKPTGSICASF LTQSYQLPVLDTMFLRKKYRGKDFGLHMLEDFVDSFTEDA
 LGLRYPLSSLMYTACKQYFEKYPGDHELLWEVEGVGHWYQRIPVTRALQREALKILALSQNEPKRPMSE
 YGPASVPEYEARTEDNQSEMQLTIDSLKDAFASTSEGHDKTSVSTHTRSGNLKRPKIGKRFQDSEFSSS
 QGEDEKTSQTSLTASINKLESTARPSESSEEFLEEPEQRGIEFEDESSDRDARPALETQPQEQDGEK
 ESELEPMNGEIMDDSLKSLITEEEDSTSEVLDEELKLQPFNSSEDSTNLVPLVVESSKPPVDAPDKTP
 RIPDSEMLMDEGTSDEKGMEEKLSLLPRKKAHLGSSDNVATMSNEERSDGGFPNSVIAEFSEEPVSENL
 SPNTTSSLEDQGEEGVSEPQETSTALPQSSLIEVELEDVPFSQNAQKNQSEEQSEASSEQLDQFTQSAE
 KAVDSSSEIEVEVPVDRRNLRRKAKGHKGPAKKKAKLT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8016_b08.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_015566

ORF Size: 2010 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_015566.3](#)

RefSeq Size: 5942 bp

RefSeq ORF: 2013 bp

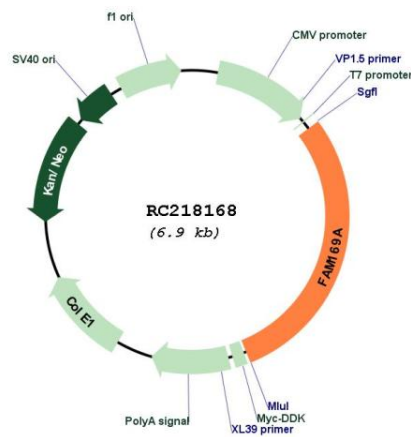
Locus ID: 26049

UniProt ID: [Q9Y6X4](#)

Cytogenetics: 5q13.3

MW: 74.8 kDa

Product images:



Circular map for RC218168