

Product datasheet for **SC327017**

FAM90A18 (NM_001164451) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM90A18 (NM_001164451) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM90A18
Synonyms:	FAM90A19
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC327017 representing NM_001164451.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGATGGCAGTCGGGACCCCAAATCTTGGGCCAAGAGACTGGTGAGAGCCCAGACCCTCCAGAAGCAG
CGGAGGGCCCCAGTTGGGCCAAGGGCTCCCCGCCCGATGAAGAAGATCCCAGGCTCAAGTGCAAAAAC
TGCGGGGCCTTTGGCCACACGGCCAGAAGTACCAGGTGCCCATGAAGTCTGGAAGGCAGCCCTGGTT
CCAGCGACCTTGGGAAAAAGGAAGGAAGGAAAACTGAAACCATGGAAGCCCCGGGTTGAAGCCAAC
CCGGGGCCCTTGAACAAGGATAAGGGAGAGAAGGAAGAGAGACCAAGGCAACAAGACCCGCAGAGGAAG
GCTCTCTCCACATGTTTTCCGGGAAACCTCCAGAGAAGCCGCTGCCGAATGGAAAAGGATCCACGGAG
TCTTCTGATCATCTGAGGGTTGCAAGCGGGCAATGCCGCTCCACACAACCAAGTAAAGAGCCGCGCGTG
GACCCTGTCTCGCTGATCGCTCAGCTGCCGAATGTCTGGCAGGGGCTCCGTCTTGGCTTCACTGTCT
CCCCTCAGAAAAGCCAGCCTGAGCTCCTCCTCAAGTCTTGGACCAAAGGAAAGACAGACAGGGGCTGCG
GCCGACATGCCTCAGCCTGCAGTCAGGCACCAGGGCCGCGAGCCTCTCCTCGTGGTGAAGCCGACACAC
AGCAGCCCCGAGGGTGGCTGCCGAGAAGTTCCCCAGGCTGCCTCCAAAACCCACGGCCTGCTCCAGGCC
GCCAGACCCAGGCACAAGACAAACGTCTGCGGTGACCTCGCAGCCCTGCCCGCCAGCCGCCACACAC
AGCTTGGGCCTAGGCTCCAATCTCAGCTTCGGGCCAGGAGCCAAGAGACCTGCCAGGCTCCGATTAG
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GGTGAGCTGGGGGCCCGGGGAATCTCCAACCTCCGCCAGCCGCAACCGAACTTGGACCAAGTACGTCG
CCCCAGATGGGCAGGAGACACCGGCCAGGTGCCCAGCGTCGACTGGCAGCCTCCGCACAGCACACCT
TGCTGCCTACTGCCAGCCTGCACCATGTCCCATCACTCAGCGGCCAGCCATGATGGGGCCAGCCT
CTCAGAGTGCTCTTCCGAGACTGGAAAACGGACGCTGGAGCTCCAGCCTCCTGGCGGCCCTCATT
CACTCTCCTGAGAAGCCGGGAGCCTTCTCGCTCAGAGCCTCATGTGTGTCAGAGAAGTCTGAGGCTCCC
TGTGTTCTGTCCACCGAGCGTCTCTATGAGGACCTTCAGGTTTCTCCTCCTCAGAGGACAGCGAT
TCTGACCTGGAGTA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_001164451

Insert Size: 1395 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.

RefSeq: [NM_001164451.1](#)

RefSeq Size: 1395 bp

RefSeq ORF: 1395 bp

Locus ID: 441326

Cytogenetics: 8p23.1

MW: 49.7 kDa

Gene Summary: FAM90A18 belongs to subfamily II of the primate-specific FAM90A gene family, which originated from multiple duplications and rearrangements (Bosch et al., 2007 [PubMed 17684299]). For background information on the FAM90A gene family, as well as information on the evolution of FAM90A genes, see FAM90A1 (MIM 613041).[supplied by OMIM, Oct 2009]