

Product datasheet for **SC304561**

FAM90A1 (NM_018088) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM90A1 (NM_018088) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM90A1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC304561 representing NM_018088. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
ATGATGGCAGCTCGTGACCCCAAACCTGGGGCAAAGAGACTGGTGAGAGCCAGACCCCTCCAGAAGCAG
CGGAGGGCCCCAGTTGGGCCAAGGGCTCCCCGCCCGATGAAGAAGATCCAGGCTCAAGTGCAAAAAAC
TGTGAGGCCTTTGGCCACACGGCCAGAAGTACCAGGTGCCCCATGAAGTGCTGGAAGGCAGCCCTGGTT
CCACCGAACTTTGGGGAAGGAAGGAAGGAAACCTGAAACCATGGAAGCCCCAGGTTGAAGCGAAC
CCTGGGCCCTTGAACAAGGATAAGGGAGAGAAGGAAGAGAGACCAAGGCCACAAGACCCGAGAGGAAG
GCTCTCCTCCACATATTTCCAGGAAACCTCCAGAGAAGCCGCTGCCAAATCAAAAGGATCCACGGAA
TCTTCTGATTATCTGAGGGTTGCAAGCGGGCCAATGCCGGTCCACACAACCAAGTAAAGAGGCCGCTGTG
GACCCCTGTCTCTCTGATCGCTCAGCTACCGAAATGTCTGACAGGGGCTCCGTCTTAGCTTCACTGTCT
CCCCTCAGAAAAGCCAGTCTGAGCTCCTCCTCAAGTCTTGACCAAGGAAAGACAGACAGGGGCTGCG
GCCGACATCCCTCAGACTGCAGTCAGGCACCGAGGCCCGAGCCTCTCCTCGTGGTGAAGCCGACACAC
AGCAGCCCTGCGGGTGGCTGTCGAGAAGTTCCCGAGGCTGCCTCCAAACCCACGGCCTGCTCCAGGCC
GTCAGCCCCCAGGCACAAGACAAACGCTCTGCGGTGACCTCACAGCCCTGCCACCAGCCGCCACACAC
AGCTTGGGCCTAGGCTCCAATCTCAGCTTCGGGCCAGGAGCCAAGAGATCTGCCCGGCTCCGATTAG
GCTTGCCTGAACCTCCCAAGAAACCGAGACTGGGTCCCTTCAGATCCCGAAAGCGCCATCCAGGGA
GGTGAGCTGGGGGCCCGGAGAATCTCCAACTCCGCCAGCCGCAACCGAACTTGAGACCAGTACGTCA
CCCCAGACAGGCACGAGGACACCCGCCAGGTGCTTAGCGGCGACCGGCAGCCTCCGCACAGCAGACCT
TGCTTGCTACTGCCAGGCCTGCACCATGTCCCATACCCAGCGGCCAGCCATGATGGGGCCAGCCT
CTCAGAGTGCTCTTTCGGAGACTGGAAACGGACGCTGGAGCTCCAGCCTGCTGACGGCCCCCTCATTT
CACTCTCCTGAGAAGCCGGGAGCCTTCTCGCTCAGAGCCCTCATGTCTCAGAGAAGTCTGAGGGTCCC
TGTGTTCTGTCCCAACGCTCTCTATGAGGACCTTCAGGTTCCCTCCTCCTCAGAGGACAGCGAT
TCTGACCTGGAG**TGA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_018088
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:	<u>NM_018088.3</u>
RefSeq Size:	2516 bp
RefSeq ORF:	1395 bp
Locus ID:	55138
UniProt ID:	<u>Q86YD7</u>
Cytogenetics:	12p13.31
MW:	49.8 kDa
Gene Summary:	FAM90A1 belongs to subfamily I of the primate-specific FAM90A gene family, which originated from multiple duplications and rearrangements (Bosch et al., 2007 [PubMed 17684299]). [supplied by OMIM, Oct 2009] Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 encode the same protein. 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.