

Product datasheet for SC315933

FAM168A (NM_015159) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM168A (NM_015159) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM168A
Synonyms:	KIAA0280; TCRP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC315933 representing NM_015159. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
 ATGAACCTGTTTACAGCCCCGTCAGCCTGGGGCTCCTTATGGCAACCCTAAGAACATGGCCTACAG
 GGTTACCCACAGCCTATCCAGCAGCTGCCCCGCTACAATCCAGCCTGTACCCACCAATAGTCCC
 AGTTATGCTCCAGCAACTCTGCTGATGAAACAGGCCTGGCCACAGAACTCGTCTTCTGTGGCACTGAA
 GGCACCTTCCACCTCCAGTGGACACCGGGACCGAGAACCAGAACTACCAAGCATCCTCTGCGGCTTTC
 AGATATACTGCGGGACACCATAACAAGTCCCACCGACCCAGAGTAACACTGCTCCACCCCTACTCC
 CCATCACCAACCCCTATCAGACGGCCATGTATCCAATCAGAAGTGCCTACCCACGAGAATCTGTAT
 GCCCAGGGAGCCTACTACACACAGCCGGTGTATGCTGCCAGCCTCATGTATCCACCATACCACGGTC
 GTCCAGCCCAACAGCATTCCCTCTGCTATCTACCCAGCACCTGTTGCCGCCCCGAGGACCAACGGTGTG
 GCCATGGGCATGGTGGCAGGCACCAACCATGGCAATGTCAGCAGGTACCCTGCTGACTACACCCAGCAC
 ACGGCGATTGGGGACACCCCTGTCTCCATGCCAACATATAGGGCCCAAGGAACCCCTGCGTACAGCTAC
 GTGCCCCCACTGGTAA
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_015159
Insert Size:	708 bp


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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:	<ol style="list-style-type: none"> 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_015159.2</u>
RefSeq Size:	7278 bp
RefSeq ORF:	708 bp
Locus ID:	23201
UniProt ID:	<u>Q92567</u>
Cytogenetics:	11q13.4
MW:	25.1 kDa
Gene Summary:	<p>In cancer context, protects cells from induced-DNA damage and apoptosis. Acts, at least in part, through PI3K/AKT/NFkB signaling pathway and by preventing POLB degradation. Decreases POLB ubiquitination and stabilizes its protein levels.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) lacks an alternate in-frame exon, compared to variant 1. The encoded isoform (2) is shorter than isoform 1. 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.</p>