

Product datasheet for SC333773

FAM168A (NM_001286051) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | FAM168A (NM_001286051) 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: | >SC333773 representing NM_001286051. Blue=Insert sequence Red=Cloning site Green=Tag(s) |

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTGCTGCTG
 GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
 ATGAACCTGTTTACAGCCCCGTGCAGCCTGGGGCTCCTTATGGCAACCCTAAGAACATGGCCTACAG
 GGTTACCCACAGCCTATCCAGCAGCTGCCCTGCCTACAATCCAGCCTGTACCCACCAATAGTCCC
 AGTTATGCTCCAGCACTCTGCTGATGAAACAGGCCTGGCCACAGAACTCGTCTTCTGTGGCACTGAA
 GGCACCTCCACCTCCAGTGGACACGGGACCGAGAACCGAACCTACCAAGCATCCTCTGCGGCTTTC
 AGTACCCTGTGACTACACCCAGCACACGCGATTGGGGCACACCCTGTCTCCATGCCAACATATAGG
 GCCAAGGAACCCCTGCGTACAGCTACGTGCCCCACACTGGTAA
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC

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| Restriction Sites: | SgfI-MluI |
| ACCN: | NM_001286051 |
| Insert Size: | 390 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). |
| 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). |


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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_001286051.1](#)

RefSeq Size: 6960 bp

RefSeq ORF: 390 bp

Locus ID: 23201

UniProt ID: [Q92567](#)

Cytogenetics: 11q13.4

MW: 13.8 kDa

Gene Summary: 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]
 Transcript Variant: This variant (3) lacks three alternate in-frame exons, compared to variant 1. The encoded isoform (3) 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.