

Product datasheet for **SC333665**

FAAP24 (NM_001300978) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: FAAP24 (NM_001300978) Human Untagged Clone
Tag: Tag Free
Symbol: FAAP24
Synonyms: C19orf40
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >SC333665 representing NM_001300978.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

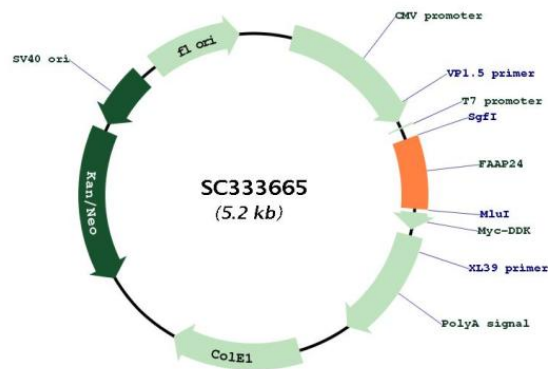
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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAGTGAACAATACTTCCAGCCCTACAGAAGTTTACTGTGCTGGACCTTGAATGGTGTCTTCCA
GTGGCCAGCCAGATGGAAGCATCCTGCCTCGTCATCCAGTTGGTTCAAGAGCAAACCAAGAGCCAGT
AAGAACCCTTCTCGGGAAGAAACGGGCCCTGCTGTCTGAGCCTTCGCTCCTTCGAACCGTGCAG
CAGATCCAGGAGTTGGAAAAGTTAAAGCTCCCCTTCTCCTCCAGAAGTTTCCAAGCATCCAGCACTG
AGTAATGCTTCCATTGGGGAACGGAGCAGGTGGTCCGACAAGCAGTGGCACAGCAGATCCATGCCTT
TTCACGCAGCCAGGTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: Sgfl-MluI



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Plasmid Map:



ACCN: NM_001300978

Insert Size: 363 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).

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_001300978.1](#)

RefSeq Size: 1362 bp

RefSeq ORF: 363 bp

Locus ID: 91442

UniProt ID: [Q9BTP7](#)

Cytogenetics: 19q13.11

MW: 13.2 kDa

Gene Summary: FAAP24 is a component of the Fanconi anemia (FA) core complex (see MIM 227650), which plays a crucial role in DNA damage response (Ciccia et al., 2007 [PubMed 17289582]). [supplied by OMIM, Mar 2008]
Transcript Variant: This variant (2) differs in the 5' UTR, lacks a portion of the 5' coding region and initiates translation at a downstream start codon, compared to variant 1. It encodes isoform 2, which is shorter at the N-terminus, compared to isoform 1.