

Product datasheet for **SC100909**

FAAP24 (NM_152266) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAAP24 (NM_152266) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAAP24
Synonyms:	C19orf40
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC100909 sequence for NM_152266 edited (data generated by NextGen Sequencing) ATGGAAAAGAACCCCTGATGATACGGGCCCGTGCACGTGCCTTTGGGCATATTGTG GCCAATGAGAAATGGCGGGTACAGCTGGCGCAGGAGATGCAAGGAAAATTAAGCTC ATTTTCGAGGATGGCTTGACACCAGACTTTTATCTGTGCGAACAGATGCTGCATTCTTTAT GTCACCGAAGCTGATTTGGTGGCAGGAAATGGCTACAGAAAGAGGCTTGTTCGGGTTAGA AATTCCAATAATCTTAAAGGAATTGTAGTCGTTGAAAAACCCGGATGAGTGAACAATAC TTCCAGCCCTACAGAAGTTTACTGTGCTGGACCTTGAATGGTCTGCTTCCAGTGGCC AGCCAGATGGAAGCATCCTGCCTCGTCATCCAGTTGGTTCAAGAGCAAACCAAAGAACC AGTAAGAACCCTCTTCTCGGAAGAAACGGGCCCTGCTGCTGTCTGAGCCTTCGTCCTT CGAACCGTGCAGCAGATCCAGGAGTTGAAAAAGTTAAAGCTCCCCTTCTCCTCCAGAAG TTTCCAAGCATCCAGCAACTGAGTAATGCTTCCATTGGGGAAGTGGAGCAGGTGGTCGGA CAAGCAGTGGCACAGCAGATCCATGCCTTCTTACACAGCCCAGGTGA Clone variation with respect to NM_152266.3 417 g=>a;636 g=>a



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_152266 unedited</p> <pre>GGCAGAATTATGTAATACGACTCACTATTAGGGCGGCCGGAATTCGCACGAGGGCGGCC ACCAAGTAACATGATCTCTAGACTGGGACGGTGGGGTTCCTGCCGGCTGTATTGGGCCTT GGACTGGACTGAGAAGCTACGGTGGAGACCATCCATGGAAAAGAACCCCTGATGATAC GGGCCCCGTGCACGTGCCTTTGGGGCATATTGTGGCCAATGAGAAATGGCGGGTCCACA CTTTTATCTGTGCAACAGATGCTGCATTCTTTATGTCACCGAAGCTGATTTGGTGGCAGG AAATGGCTACAGAAAGAGGCTTGTTCGGGTTAGAAATCCAATAATCTTAAAGGAATTGT AGTCGTTGAAAAAACCCGGATGAGTGAACAATACTCCAGCCCTACAGAAGTTTACTGT GCTGGACCTTGAATGGTGTCTTCCAGTGGCCAGCCAGATGGAAGCATCCTGCCTCGT CATCCAGTTGGTTCAGAGCAAACCAAAGAACCAGTAAGAACCCTCTTCTCGGGAAGAA ACGGGCCCTGCTGCTGTCTGAGCCTTCGCTCCTCGAACCGTGCAGCAGATCCCAGGAGT TGGAAAAGTTAAAGCTCCCTTCTCCTCCAGAAGTTTCCAAGCATCCAGCAACTGAGTAA TGCTTCCATTNGGAAGTGGAGCANGTGGTCGGACAAGCAGTGGCACAGCAGATCCATGC CTTCTTACACAGCCCCAGTGAGGCTGGCCTCAGGCCACGGCATCTTCTCCGAGACCAC AACACCAGNATCTTTGTTTCAGCTTAAAAACAAGAAAATGGCCGGTGCACCTGGCTCACGC CTCTATCTCACACTTTTGGAGGCCCGAGACAGCGATATCTGAGGTGAGAGTCAGGACAN</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_152266 unedited</p> <pre>TAACCGCGGCCGCAATCTANAGTCGAGTTTTTTTTTTTTTTTTTTTGTGTTTTCTTTGAG ACGGAGTCTCGCTCTGGTGGCCAGGCTGGAGTGCANTGGCAGATCTCAGCTCACTGCAA CCTCCGCCTCCCGGGTCAAGTGATTCTCATGCCTCGGCCTCCCAAGTAGCTGGGATTAC AGGCACCTGTACCATGCCTGGTAATTGTTCTATTTTTAGGGGTTTCTCCATGTTGGC CAGGCTGGTCTTGAACCTCCTGACCTCAGATGATCCGCTGTCTTCGGCCTCCCAAAGTGT GAGATTAGAGGCGTGAGCCAGTGACCCGGCCATTCTCTTGGTTTTAAAGCTGAAAAC AAGATCCTGGTGTGTTGGTCTCGGGAGAAGATGCCGTGGCCCTGAGGCCAGCCCTCACC TGGGCTGTGTGAAGAAGGCATGGATCTGCTGTGCCACTGCTTGTCCGACCACCTGCTCCA GTTCCCAATGGAAGCATTACTCAGTTGCTGGATGCTTGGAACTTCTGGAGGAGAAGGG GAGCTTTAACTTTTCAACTCCTGGGATCTGCTGCACGGTTCGAAGGAGCGAAGGCTCAA ACAGAGCATGGCCCGTTTCTTCCCGAGAAGAGGGTCTTACTGGGTTCTTTGCTTTGCT CTTGACCAACTGGATGACGAGGAGGATGCTTCCATCTGGCTTGGCCACTGGAAGCAGCA CCATCTCAAGGTCCAGCACAGTAAACTTCTGTACGGCTGGGAAGTATTGTTCACTATCC GGNGTTTTTTTAAACGACTACATTCTTTTAGGATATTTGAAATTNCTAACCGAAAAGCC TCTTTTTGTAACCATTTCTGCCCCAAATTAGCTTCCGGGAACTATAAATGCCGCATTC TGTTCAACAAAAAAGTCTGGTGTGCAACCATCCCAAAATGAACCTAATTTTCCCTTGC TCTTCTGGGCCACGTGAGACACCCCATTTTTCTATTGGCCACATATGGCCAAAGACN</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_152266
Insert Size:	1220 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_152266.1](#), [NP_689479.1](#)

RefSeq Size: 1130 bp

RefSeq ORF: 648 bp

Locus ID: 91442

UniProt ID: [Q9BTP7](#)

Cytogenetics: 19q13.11

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 (1) represents the longer transcript and encodes the longer isoform (1).