

Product datasheet for **RC235771**

FAAP24 (NM_001300978) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: FAAP24 (NM_001300978) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: FAAP24
Synonyms: C19orf40
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC235771 representing NM_001300978
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAGTGAACAATACTTCCAGCCCTACAGAAGTTTACTGTGCTGGACCTTGAATGGTCTGCTTCCAG
TGGCCAGCCAGATGGAAGCATCCTGCCTCGTCATCCAGTTGGTTCAAGAGCAAACCAAGAGCCAGTAA
GAACCCTCTTCTCGGGAAGAAACGGCCCTGCTGCTGTCTGAGCCTTCGCTCCTCGAACCGTGCAGCAG
ATCCCAGGAGTTGAAAAGTTAAAGCTCCCCTTCTCCTCCAGAAGTTTCCAAGCATCCAGCAACTGAGTA
ATGCTTCCATTGGGAACTGGAGCAGGTGGTCGGACAAGCAGTGGCACAGCAGATCCATGCCTTCTTCAC
GCAGCCCAGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC235771 representing NM_001300978
Red=Cloning site Green=Tags(s)

MSEQYFPALQKFTVLDLGMVLLPVASQMEASCLVIQLVQEQTKEPSKNPLLGKKRALLLSEPSLLRVTQQ
IPGVGKVKAPLLLQKFPSIQQLSNASIGELEQVVGQAVAQQIHAFFTQPR

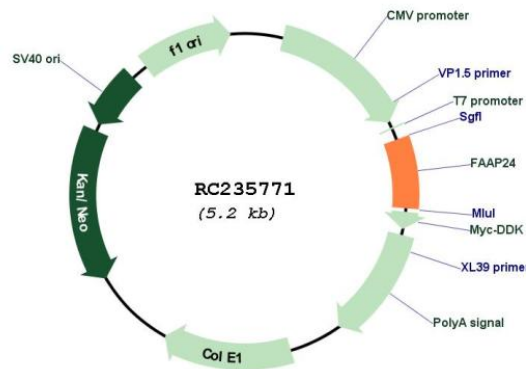
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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Cloning Scheme:

Plasmid Map:


ACCN: NM_001300978

ORF Size: 360 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_001300978.2
RefSeq Size:	1362 bp
RefSeq ORF:	363 bp
Locus ID:	91442
UniProt ID:	Q9BTP7
Cytogenetics:	19q13.11
MW:	13.6 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]