

Product datasheet for **RG205872**

FAAP24 (NM_152266) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: FAAP24 (NM_152266) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: FAAP24
Synonyms: C19orf40
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG205872 representing NM_152266
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGAAAAGAACCCCTGATGATACGGGCCCGTGCACGTGCCTTTGGGCATATTGTGGCCAATGAGA
AATGGCGCGGGTACAGCTGGCGCAGGAGATGCAAGGGAAAATTAAGCTCATTTTCGAGGATGGCTTGAC
ACCAGACTTTTATCTGTGCAACAGATGCTGCATTCTTTATGTCACCGAAGCTGATTTGGTGGCAGGAAAT
GGCTACAGAAAGAGGCTTGTTCCGGTTAGAAATCCAATAATCTTAAAGGAATTGTAGTCGTTGAAAAA
CCCGGATGAGTGAACAATACTTCCAGCCCTACAGAAGTTTACTGTGCTGGACCTTGAATGGTGTGCT
TCCAGTGGCCAGCCAGATGGAAGCATCCTGCCTCGTCATCCAGTTGGTTC AAGAGCAAACCAAGAGCCC
AGTAAGAACCCTCTTCTCGGGAAGAAACGGGCCCTGCTGCTGTCTGAGCCTTCGCTCCTTCGAACCGTGC
AGCAGATCCCAGGAGTTGGAAAAGTTAAAGCTCCCCTTCTCCTCCAGAAGTTTCCAAGCATCCAGCAACT
GAGTAATGCTTCCATTGGGGAACGGAGCAGGTGGTCCGACAAGCAGTGGCACAGCAGATCCATGCCTTC
TTCACGCAGCCCAGG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG205872 representing NM_152266
 Red=Cloning site Green=Tags(s)

MEKNPPDDTGPVHVPLGHIVANEKWRGSQLAQEMQGKIKLIFEDGLTPDFYLSNRCCILYVTEADLVAGN
 GYRKRLLVRVRNSNLLKGI VVVEKTRMSEQYFPALQKFTVLDLGMVLLPVASQMEASCLVIQLVQEQTKEP
 SKNPLLKKKRALLLSEPSLLRVTQVIPGVGKVKAPLLLQKFPSIQQLSNASIGELEQVVGQAVAQQIHAF
 FTQPR

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_152266

ORF Size: 645 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:

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_152266.5](#)

RefSeq Size: 1130 bp

RefSeq ORF: 648 bp

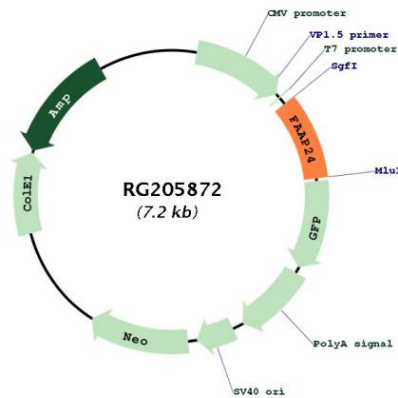
Locus ID: 91442

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]

Product images:



Circular map for RG205872