

Product datasheet for RC233216

C1orf86 (FAAP20) (NM_001256945) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C1orf86 (FAAP20) (NM_001256945) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: FAAP20
Synonyms: C1orf86; FP7162
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC233216 representing NM_001256945
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGGCGCGCGGAGGCCGGCTGGGTTGAGCCGCCGAGGCCGCCCGGGCGGGAGCCAG
 GTGGGCCCGGAGCCACTGAAGTCTTCACTGTCCGACCAAGACCTTTCTGGACACCCTTCCGCC
 GACCTGTGGGGCCGGGCGTTCCTACCGCTGCTTACGGGGCAGGAGGGCACCTGGAATCCCCGCCA
 GGTCCCTGCCCAAGCGCCCGGCACCTGATCCCTGCAGGGCCCCAGGGTGGAGCAGCAGCCGTCTGTGA
 GGGTCCCGCGCCCTGCGCAGCTGCCCATGTGCCAGAAGGAGTTCGCCCCAGGTACTTCAACTCCCGC
 CCCCACCTGTGTCCCGCTGGCTCCTAAGCTGCCCCCTACGTGTGGGTTGCGTCTGAGATGTGGGCAGG
 CGCCACTCACGAAAAAAGGCATCAGAGGAGCTCCACATCATCGGAACATTTTATTCTCAGGACGCTA
 CACGCTCACTTCTGGCGGAGCAGTCACTGCATCGATTCTGTTCCGTGGAAATGTGCACCTTGA
 AACCGCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC233216 representing NM_001256945
 Red=Cloning site Green=Tags(s)

MEAARRPRLGLSRRRPPAGGSPGAARSPLKSSLSDRPFPFGHPFRRTCGARAVPTGCFGTGQEGTWNPPP
 GPCPSARHLIPAGPPGWSSRLWRVPRCAAAPCARRSSPPGTSTPAPTVCVPLAPKLPPYVWVASEMWGR
 RHSRKKGIRGASTSSEHFIPQDATRSLSWRSRSVHRVLPWKMCTLETA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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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_001256945.1](#), [NP_001243874.1](#)

RefSeq Size: 1431 bp

RefSeq ORF: 570 bp

Locus ID: 199990

UniProt ID: [Q6NZ36](#)

Cytogenetics: 1p36.33

MW: 20.9 kDa

Gene Summary: Component of the Fanconi anemia (FA) complex required to recruit the FA complex to DNA interstrand cross-links (ICLs) and promote ICLs repair. Following DNA damage recognizes and binds 'Lys-63'-linked ubiquitin generated by RNF8 at ICLs and recruits other components of the FA complex. Promotes translesion synthesis via interaction with REV1.[UniProtKB/Swiss-Prot Function]