

Product datasheet for RC215561

C1orf86 (FAAP20) (NM_182533) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C1orf86 (FAAP20) (NM_182533) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: C1orf86
Synonyms: C1orf86; FP7162
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC215561 representing NM_182533
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGAGGCGGCGGAGGCCGGCTGGGGTTGAGCCGCCGAGGCGCCCGGCGGGCGGCCTTCTG
 GCGGCCGCCCTGGTTTCTCTGGGGGTGATGAGCGGGAGCGGCTCTGGCCGAGCTACTGCGCACGGT
 GAGCCCGAGCTGATCCTGGATCAGGAGTGCCTTCACTGCCCGCTTCCAGGACAGGAGCCAGGTGC
 GGCCCGGAGCCACTGAAGTCTTCACTGTCGGACCAAGACCTTTTCTGGACACCTTTCCGCCGACC
 TGTGGGGCCCGGCGGTTCTACCGGCTGCTTACGGGGCAGGAGGACCTGGAATCCCCGCCAGGTC
 CCTGCCCCAGCGCCCGCACCTGATCCCTGCAGGGCCCCAGGGTGGAGCAGCAGCCGTCTGTGGAGGGT
 GCCCGGCCCTGCGCAGCTGCCCATGTGCCAGAAGGAGTTCGCCCCAGGCTGACCCAGCTGGATGTTG
 ACAGCCACCTGGCCAGTGCTTGGCCGAAAGCACAGAAGACGTGACGTGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC215561 representing NM_182533
 Red=Cloning site Green=Tags(s)
 MEAARRPRLGLSRRRPPAGGPPSGGRPWFLGGDERERLWAE LLRTVSP ELILDHEVPSLPAPFPQGEPRC
 GPEPTEVFTVGP KTF SWTPFPDLWGPGRSYRLLHGAGGHLESPARSLPQR PAPDPCRAPRVEQQPSVEG
 AAALRSCPMCQKEFAPRLQLDVDSHLAQCLAESTEDVTW

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/ja1253_h04.zip



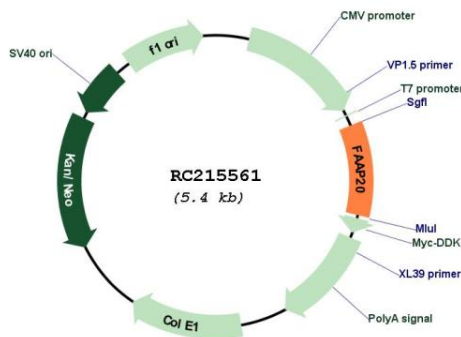
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Cytogenetics: 1p36.33

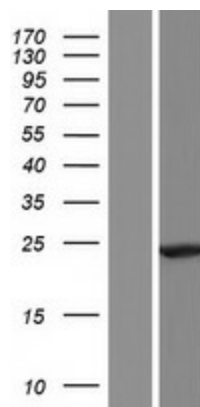
MW: 19.6 kDa

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]

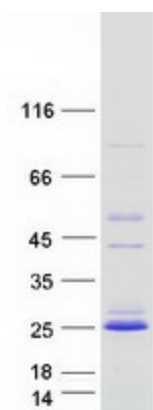
Product images:



Circular map for RC215561



Western blot validation of overexpression lysate (Cat# [LY405510]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC215561 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified FAAP20 protein (Cat# [TP315561]). The protein was produced from HEK293T cells transfected with FAAP20 cDNA clone (Cat# RC215561) using MegaTran 2.0 (Cat# [TT210002]).