

Product datasheet for **MC210567**

Faap20 (NM_001190445) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Faap20 (NM_001190445) Mouse Untagged Clone
Tag: Tag Free
Symbol: Faap20
Synonyms: 2610002J02Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC210567 representing NM_001190445
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGAGGAGCGGAGACTGCGGGGGAGGCTGAGCCGTCGGAGGCCGCCGCGGGGGCGGGCCCCCTA
ACTGCCGCCCTTGGTTTCTCTCGGAGGGAAGTAAGAGTGAGCCCTGGGCTGCTCTGTTGCGCAGCACCGT
GAGCGGGACCGCGGATTGGACCCGAACCGTCAGCCATTACCACCGCTGCCTGCTTTCCAGCCAGGAG
TCTCTACCTGACCAGAGTCCACTGTGCCTCCTGAGGCCCTCACTGTGGATCCAAGACTTCTCCTGGA
CGCCTTTGCCACCTGCCCTTCGTGGCTCTGGAAGCTCCCGCCACCTGTTCTGTGAACCTGAAGGCTCCCT
GGGTCACCTACTCCATCCCTGAAAGGATGCCCTGCCTAAATTCGGTGAACCTCCAGCGCCAGGAG
TGTGTGCCTGTGCAGAGTCCACTTGCGTTGCTGAGTTGCCCGTTGTGCCAGAAGGCGTTTGACCCGAAGC
TGACCCAGCTAGATGTGGATAGCCACCTTGCTCAGTGCTTGCTGAGTGACCCGAAGATGTGGTGTGGTG
A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001190445
Insert Size: 561 bp



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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:	<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:	<u>NM_001190445.1, NP_001177374.1</u>
RefSeq Size:	1076 bp
RefSeq ORF:	561 bp
Locus ID:	67513
UniProt ID:	<u>Q3UN58</u>
Cytogenetics:	4 E2
Gene Summary:	<p>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 (By similarity). [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (a).</p>