

Product datasheet for **RN204763**

Faap20 (NM_001108698) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Faap20 (NM_001108698) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Faap20
Synonyms:	RGD1308923
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN204763 representing NM_001108698 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGAGGAGCGGAGGCTGCGGGGAGGCTGAGCCGCCGAGGCCGCCGAGGGGGCGGGCCCCCTA
ACTGCCGCCCTGGTTTCTCTCGGAGGAAAGTAAGAGTGAGCCGTGGGCTGCTCTGCTGCGCAGCACCGT
GGCGGGAAACACGGATTGGACCCGAACAGTCAGCCATTACCACCCTGCCTGCTTTTCCAGCCAGGAA
TCTCTGCCTGACCAGAGTCCACTGTGCCTCCTGAGGCTTCACTGTAGGATCCAAGACTTTTCTGGA
CGCCTTTCCGCCTGCCCTTCGTGGCTCTGGAAGCTCCTGCCGCCTGTTACGTTGCTCTGAAGGCTCTCC
GGGTCACCTGCTCCATCCCTGAAAGGATGCCCTGCACTGGATCCCGTCAAACCTCCAGCACCCAGGAG
TGTGTGCAGAGTCAACTTGTGTTGCTGAACTGCCATTGTGCCAGAAGGCATTTGACCCGAAGCTGACCC
AGCTAGATGTGGATAGCCACCTTGTCTAGTGTGGCTGAAAGCACAGAAGACGTGGTGTGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001108698
Insert Size:	555 bp

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).



[View online »](#)

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_001108698.1, NP_001102168.1</u>
RefSeq Size:	1268 bp
RefSeq ORF:	555 bp
Locus ID:	362678
UniProt ID:	<u>D4AAA5</u>
Cytogenetics:	5q36
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 (By similarity). [UniProtKB/Swiss-Prot Function]