

Product datasheet for **MC222383**

Faap100 (NM_027980) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Faap100 (NM_027980) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Faap100
Synonyms:	2310003H01Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >MC222383 representing NM_027980
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGGCGCTTCTCGCGCTGCACTACCTGTGCGACTTCTGTGCCCGCTCGGAGGCCGAGCGCGG
 GGAAGCCGTTTGTGCTGCGGCATGAGGCTGAGGCTTTTCTGTCCACCGGACGCGAGTTCTGTATGTGTA
 TGACCAGGAGGGCGGGCTGCTGACGCGGTGTACCAGTTTCCCGACCAGGTATGGCACTGCAGCTCCTG
 GCCATCCGAGGGCACTCTACGTCTGTGTGCCCGGACTGGCATCTACTGCCTGTGCTGGACTCGCTGG
 ACAGGTCTGGGAGCCAGGCTGTGAGGACAAAGAGGAAGCGGCTCCCCCTACCTGTGATCCATGTGGA
 CCCGGATGCGTGTCTCCCTGACGCTGCCCTGTGCCTTACCCTGTGGATGATATGCTGGTCACC
 CTGGCACAGGGCCCCACCAAGTGAAGATGCAGCTGTTTGTAGCGTCCCTGTGCAGGGGAGGACCTCTGC
 CCAGAGGCCAGATTGGTGAAGTGGAGTTGTCCACTTGCACCCACCAGGTGGGGTCCAGAGAAGCCTGC
 AGCCCCCGCTTCTGCCGTGTGTGCTGCGTGTCCACCAGACTCCAGGGCACCTCATGGTCACCCC
 CAGGGCTGTGGGTGCTTACGCTGGAGGAGGCTCTCTTTGGTCTACTCTTTGGAGTCGATGCCACCTCC
 TGAGTCCCTGTGATCCTCTGCGGTCTCCCTGATGGCCAGCTTTGTTGTGGTCTGAAGGCCTTGGT
 TACTTCTGGGTTAGCCCCTGGTACCCAAAGTCTGGTCAAGATCCTCCACCACCTAGAGGAGCCTGTG
 ATCTTCATTGGGGCTTTGAGGGCAGAGCCACACGAGGAGGAAGCAGCAGGAGAGCTGCTGCCTGGCCAGC
 ATGAACACTCTGACTGCCTAGTAGCCCTTGGTCAACAGGGCCGGACACTGGCCATCAAGGCCAGCTGGAG
 TGAGTCAGGGAATCTGGTGCCGAGCTGCGTGAGTATTGCCTCCAGGGCCTGTGCTCTGTGCTGCCTGT
 GACAGGGATGGCCAGTGTACCACAGCACTCCCTCAGACCTCTGTGTGGTAGACTTGACTCGGAGAGACA
 GTCCTTGAACCCCTGAGAAGCCAGACGGGGCCATAGGAGGTCTACCCTCTGTGCTGTGCCAGCCAGCA
 GAACATCTGCAGCGCCCTGGCTCTGTGTGACAGCAAGGGCACCTACAGGTAGCACCGAGCTCCTCGCC
 CTGTCTTCTAAAGGACGCTGATCACCTGCAGTCTGGACTTGAACCTGAGGGCGCCTGTGCTGCCAAAA
 TGGCCATGGCAAATGCAGGCCAGAAAATTAAGGAGCTGCTCTTGACATCGGTGATGTCTCTGAAAGGGT
 GTCCTTCTGAAGAAAGCTGTTGACCAACGCAACAAGGCCATCACAAGTCTCAACGAGGCCATGAACGTG
 AGCTGTGCCCTGCTGTCCATCCAGAGGGCGATCGGCCATCGCGTGCACCATCACACCTCCTGGAGCC
 GCCTGGAGCTGCGAGACATGCTGATGGCCACCTGCACACTAGAGAACAGCAGCAGCTTCAAGCTGGACCA
 GGGCTGGACCTTGTGATTCAGGTGCTGACTAGTTCCTCTGCCTTAGACCTGGATGGGACTGGTTCAGCT
 TTCACCTACACCATTCCAGTGGACAGACTGGGTCCAGGCAGCCGGCGGGAAGTACGTTGCCCTGGGCC
 CTAGTGAGAGTGGTGTGCTCGACCTGCCTGTGACCATGTCTGTGGCTCTTCTACAGCCTCAGGGAGGT
 GGTGGGTGCGGCCCTGGCCCCCTCAGACCTCTAGAGGCCCTACTTGGAGCAGTTCCTCTCAGCCTT
 CCTAAGCAAGAGGGCGTCTGCCTGCCCTGTGCAAGCGCACAGTGGACATGCTGCAGTGCCTGCGTTCCG
 CCGGCGCAGCCACACACCCTGCACAGGCCCTGTATGCCTGGCCCTGCCTGTGAGCCTGTGAAACTTT
 CCTGAAGACCTGCCAAGCCCCTGGCAGCGAGCCTACTGGCGTGCCTCCCTACGGGCAAGTACCTGCCT
 CCATCCACAGCCTCCATCAGGGTGTCTGCAGGCCCTTCTCAGAGCTGCCCTGGAAGACAGTCACTCAGGTT
 TCCACCTGTGCAGCGCCACCTGCGGTGGCTCCTTCCGAGAACGCTGCTGTGGATGTTGTGCGGGCCCA
 GACTGTCTTCCATCCAGGGAATAGCCCCAGATGGAACCTGATGTCAACCTCACCGTCCATGAGGTAGCT
 GTGACGGATTTGAGCCCTGCAGGCCCATTCAGGCTGTGGAGATCCAAGTGGAGAGCTCCTCTCTGGCCA
 ACATGTGTAGGGCGCACCATGCCATCATCAGACGAATACAGACAATGGTACAGAGCAAGCAGCCCTAGG
 CTCCAGCCACCTGACCTCCGCATGCAATCTACAGCAGATCCATGCCAACCACCAGGAACTGCTCCGT
 GAGGTGCAAGCACTGCGGACCACTGTGCACAGAGGATGAGCTGAGCTCCTGCTCCAGGCCCAGAAGC
 TCCTGCACATTTACAAGCAGCTGCGCAACCCTAGCCTCGTCTGTTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_027980
Insert Size: 2640 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).
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:	NM_027980.2 , NP_082256.2
RefSeq Size:	3175 bp
RefSeq ORF:	2640 bp
Locus ID:	71885
UniProt ID:	A2AC12
Cytogenetics:	11 E2
Gene Summary:	Plays a role in Fanconi anemia-associated DNA damage response network. Regulates FANCD2 monoubiquitination and the stability of the FA core complex. Induces chromosomal instability as well as hypersensitivity to DNA cross-linking agents, when repressed (By similarity). [UniProtKB/Swiss-Prot Function]