

Product datasheet for MC212077

Faap24 (NM_178643) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Faap24 (NM_178643) Mouse Untagged Clone
Tag: Tag Free
Symbol: Faap24
Synonyms: AW124591; AW538696; C230052I12Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212077 representing NM_178643
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGAAGGAACCCGCTGATGGGACCGGTCCGGTCCACGTGCCACTAGGACATATTGTGGCTAGTAAA
 AATGGCGCGGGTCCCAACTGGCTCAGGAGATGCAAGGAAAAGTTAGACTCATTTTTGAGGAGGGCTGGC
 ATCAGCAGATTTTACCTGTCTAGCAAATCTTGCACTTCTATGTCACTGAAGCAGATTTGGTGGCCGGA
 CATGGCTACAGAAAAGACTCGCTCGCTTTAGAAATCCTCACATCTCAAGGGATCATAATAGTTGAGA
 AGACCCAGATGAGTGAACAGTATTTCCAGCAGTCCAGAAGTTTACTGTGCTAGACCTTGGGATGGTGT
 GCTTCCAGTGGCCAGCCAGTCCGGAAGCATCCTGCCTCATTATCCACTTGGTTCAAGAGCAAACAGAGAG
 CCCAGCAAGAACCCTTTCCTCAGGAAAAGCGCTCCATGCTCTCCGAGCTCTCCCTTGTCAAACAGTGC
 AGCAGATCCCAGGGGTTGGGAAAGTTAAGGCCCCCTTCTGCTCCAGAAGTTTCCGAGCATCCAGCACT
 GAGCAACGCTTCCGTCCAAGAAGTGGAGGAGTCTGGGGCCCGGCAGCACAGCAAATCCACACCTTC
 TTCACCCAGCCTAAGCGACAGCAGCCCCGAGC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_178643
Insert Size: 666 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:	NM_178643.5 , NP_848758.1
RefSeq Size:	1788 bp
RefSeq ORF:	666 bp
Locus ID:	101831
UniProt ID:	Q8BHL6
Cytogenetics:	7 B2
Gene Summary:	Plays a role in DNA repair through recruitment of the FA core complex to damaged DNA. Regulates FANCD2 monoubiquitination upon DNA damage. Induces chromosomal instability as well as hypersensitivity to DNA cross-linking agents, when repressed. Targets FANCM/FAAP24 complex to the DNA, preferentially to single strand DNA (By similarity). [UniProtKB/Swiss-Prot Function]