

Product datasheet for **MC222021**

Fam91a1 (NM_145959) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam91a1 (NM_145959) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fam91a1
Synonyms:	AV220772; BC033609; D15Ertd621e; mKIAA0493; SKIN
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222021 representing NM_145959
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAACATCGACGTTGAGTTCCACATCCGGCACAATTATCCTTGGAGCAAGTTGCCAACGAACGTGAAGC
 AGAGTCTTGAAAACCTCACAGAGAGAATATGAAAAGCAGGTTGTTTTGTACAGTATTCGCAATCAGTTGCG
 CTACAGAAATAACCTAGTTAAACATGTCAAGAAAGATGAACGCAAGTACTATGAGGAGCTGCTCAAGTAC
 AGTCGTGACCATCTCATGCTGTACCCTTACCCTTATCCGACATCATGGTCAAGGGCCTGAGGATAACCC
 CATTCTCATACTATGCTGGGATCATGGAGGACATCATGAACAGTGAGAAAAGTTACGATTTCATGCTAA
 TTTTACTGCTGCTGACTGTCTGCGACTTCTTGGCATAGGAAGGAACAGTACATTGACCTGATGAATCAG
 TGCAGATCTTCAAAAAATTCCTCAGAAGGAAAACCTGCCCGTACCTTCTACCAATGAAGCCAGTGGAAA
 TTGCCATCGAGGCGTGGTGGTGGTGCAGGCTGGCTATATCACAGAAGATGACATCAAGATATGCACCTT
 TCCTGAGAAAGGCCATTGATAAGATCATCGACTCAGGTCCTCAGCTCTCTGGGTCAGTACATTACAAT
 GTCGTACACAGTTTGATAACAAAGGCTTTATTTATCTGGATGTGCCCATATCAGATGACAGTTGTATAG
 CTGTCCCCCTCTGGAAGGCTTTGTAATGAATCGGGTACAAGGTGATTATTTTGAACCCCTACTCTATAA
 GATATTTGTGCTATAGATGAACACACTAATGTTGCAGAGCTTGCAAATGTCTTGGATAGACTTATCG
 CTGGTGAAGAATGCTGTTCAATGTATTGCCGATTGGGCTTTGCCATAAGAAGGACAAGTGATAAATT
 TGGATCAACTTCATTGCTCATGGAAGAATGTTCCATCTGTGAATAGACTAAAGAGCACATTAGACCCACA
 AAAGATGCTCTTATCGTGGGATGGCGGGAGAGTAGGAGTCCCGTGAAGAAGCCTTCTTCTGCTACTGAC
 ACAGACACAAATAGTCAAGAGGATCCAGCTGACACGGCCAGTGTGAGCAGTTTGAATGCTGCCACTGGT
 ACACAAAGCGAATTGCATTCCTGTTTACTCCACTCTGACTGCATTCTTAATGATGGGAAACCTTTCACC
 GAACCTTGAAAAGCCACGCAGTCACCATGTTTGAAGTAGGCAAACCTCTCAGATGAGTCTCTGGACAGCTT
 CTTATAGAATTAGAGAAGGTTCCAGAGCACTGGTGAAGGAGAAGCAGAGATACTTTGACCACGCACTTA
 CTCTGAGGAACACTATCCTCTTCTGCGTCATAATAAGGATCTGGTGGCTCAGACCTCTCAGCCAGACCA
 GCCCAACTATGGTTTCCCCTGGATCTTACGCTGCGAAAGCCTTCTTGGTTTGGACCCAGCAACTTGC
 AGCAGAGTTCTAAACAAAACACTACACACTGCTTGTTCATGGCGCCTTACCAATGAGATCCGGCCAG
 TCAGCAGCTGCACCCCGCAGCATATCGGACCAGCTATCCAGAAGTCAGTTCTGTCTGGTTAAATTGTA
 TATTTACCATGCTACTGGCAAGGACCACCATCTCTTACTGTCAAAGGTACAAGACTCGGAAACTG
 CCAGATATATTCCAGGGTATGATCGGTTACTTATAACCTCTTGGGGCCATGACCCTGGGGTCGTTCTCTG
 CTTCAAAGCTTCTCACGATGCTGAATGATGCTTTAACCCACTCAGCAGTGTCTATTACGGGACATGGTTT
 GCATGGGGTAGGAGAGACTGTCCATATACCCCTTCCATTTGATGAAGCAGAGCTGCAAGGAGAGTTCACC
 CGTGCCAGTATGGGTGTTCAAAAGCACTGCAGATTCTGCGGAGCAGAGTGGACTTGACGATTTCTGCG
 GCTATGTCACCATGTTGAATGCTTCTAGCCAGCTTGAAGTAGGAAGCTCAGTGAGGCTTCTGATGAGAG
 AGGCGAGCCTGATTTGGCTTCTAGTTGAGATGTAATGGGAGCACAGAGTCGTTTGAATGGTCATTGAG
 GAAGCAAGTACAGATTTGGCGACAAAACCAAACTCTGGGGCCACAGCAGAAGCAGATTGGGTTCTCTTG
 AGCTGTGTTTTGGAATTCCTTTGTTGAGTCCGAATTAACCGGAAAGTTTGTGAGAAAATAGCTACCCA
 TGGCCTGTGCAGGAAAGAGAGCCTTCAAAGTCTTACATTCCAGTAGAAAACCTCCCTGCAAGTCCTT
 AACTTTGTTTCAATTCAGGAAGGTGCTGCTACTCTGGATCTCCACGGGAGCCTGGCTTCTCAAGTG
 TGCTTTACAGTCGCCCTGCGCTGACATGGGAGTTCACCTCCGCGCAAAAACCTAATGTTTAAAGATGG
 TGCTTATCAGAGTGGAGCGGACGCTCACCTTCTCCCTGCTCATCGCTAGTCTCCATTTG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_145959
Insert Size: 2514 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_145959.3 , NP_666071.2
RefSeq Size:	5621 bp
RefSeq ORF:	2514 bp
Locus ID:	210998
UniProt ID:	Q3UVG3
Cytogenetics:	15 24.76 cM
Gene Summary:	As component of the WDR11 complex acts together with TBC1D23 to facilitate the golgin-mediated capture of vesicles generated using AP-1.[UniProtKB/Swiss-Prot Function]