

Product datasheet for MC223838

Fbf1 (NM_172571) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fbf1 (NM_172571) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fbf1
Synonyms:	1110033G01Rik; 5930413D20; mKIAA1863
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC223838 representing NM_172571 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGACTGGACAGTGCTGTGAGGAGCTGCAGAGAGCCCCGAAGCCAGGATGGCACTGAGAACCAAGAAAG
 GATTGAAAGGGTCCATTGAGGATGTCCTTGGAGACCTCCTGGGAGATGACACAACACCACCTGAGAAGCC
 TGCTGAGCCAGCTTCCCATGCCAAAGACACAGCGAGCTCACCTCAGTGGCAGGCTTCAAAGGCAAAGTTC
 CTCCAAAAGACAGCGTTGAAGGACTGGCAGGAGCTGATGCTGAGGCCTCCAGCGTCTCGGATGCAGACC
 CACAGGTCTTCTGCAGAACATGAAGGACTTGGACAGCATGGACGATGATCTCTTTGGTTCGGATGAAGTC
 TCACCAGCCCTCCGGCAAAGGAGCTGCAAAGGGTCTGGGAAAGAAGGACCTAGCAATCACAAGCCTGCT
 GGCACATTAACAGCTAATGAGAAAGGTACACCATGCCCACTAAGAAGCCACCACCATCTCCAGCAAGA
 CTGGGCTTCAGTATAAGAAGTTCTCTTTGAAGACTTTGAAGACCCACTGGCAGGACTTCTCTCTGATGA
 GGAAGAAGAAACCGCCACGAAGCTGCCTGCAGTGGAGAGGAAACCTGCTCCCAAGAGCCCGGGCGCAGCA
 GCAGGCCAAGGTCTTCTGTTCTCTGACCCCTGGGGATACGCCCATCAGGAAGAAAGAACTGCTCTTTG
 ATGAAGGGGATGACATCATGACTACTCTGGGCTTTGAAGACAGCCCCAAGGCAGAGAGGAAGAAGACAGG
 AGACCAGGAAGGGCCACTCCCTGCTCGCTCCAAGCTGGATGAAGTCTGCGGTTCGGGTACAGCAGCCAAG
 CTCCTCACTCGCCAGGCACTGGGGAACGCAGAGAGTTCCAGTTAGACAAGAAGTATCAGAAGATGGGAG
 GGGAGGAGTCTGTACCAGCTAGAGACAAGGAAGACAGCTGGGATGACGAGACCCTCACCTTTGGGGCTTA
 CAAGCCTACCGTGGCCTCTCTGAGGGCCGCCAGTCCCGCAGGCAGTCAGTCAGCAGGTTCTTGGGAGAA
 GGAGGCCAGACCCTAAGGGAGAAAGCCTAGGCTTCAAACAGAGCTCTCCACCAGCCTCCAGTCTATCC
 ACCCCAGGAAAGGAGGAGCTGACTGGTTAGGCCTTAAGGACAATGACCTGGACCTGCTGTCTCCCTCTCC
 TGTTCAAAGGCCAACAGGAAGACTCACCATGACACCCTCTCTCTGCCTCTACAAACCAGCCCTCA
 GCCCCAGAGCCACAGTCTGCCCAACTGGACTTCCCTCAGCAGCAAAGCCACCAGCCAAGGGTGAAGAC
 CCTCTCTCAAAGCCAGCCAGGCCTCTACCAAAAGCATCTGAGGAGAAAGAAGTACTGGTTAAGCCA
 TGTCATATCTCAGAAGAAATCCCAAAATCTAGCCAGAGAAGAGCGTGCGGGGCCCCCTAAGGACCTGGCC


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TCGCTGGGGTCACTGGGTGAGACCCCTTCTGGCAGCCTGCCTGTTGCTCAGGTCCTTGAGCAGGCCCTG
CTGGAGAAGCCTCGAAACCACTACACAAGGAATGGCGGCTGTCAGGCCTGGTGTACAGGGTCCTCCAT
GAGTTGGAGCCAAGCCACTACTGTTCTCCCTGTAGATGACCCCAAGAAAGGAGCAGCCTCTGCCTCTGGG
GACTTCTCTAGCAGAGAGCCTGCGGTTTACATTCCACACTCCAGGAACCTACGGGGCTCTCTGTGCTA
TCCAGACCCTCCTCCAGAGTCCATGATGCAGAGTCTGCTGCCAGGCTCAGGATACCAGAAGCAGCTCCT
GGCCGCCAGGGGAGCTGCAGAGTAGCACTGCCAGCTTCAGGTTGAGCTGCTGCAGAGCCAGACCAAG
CTGTTCAGAGCTGGAGGCCAGGTGCGCAAGTTGGAGCTGGAGCGGGCCAGCACAGGATGCTGCTGGAGA
GTTTGCAGCAGCGACACCAGGCAGACCTGGAGCTCATCGAGGATGCACATAGAAGCCGTATCAAGGTGCT
AGAAACATCCTACCAGCAGCGGGAGGAGCAGCTGCGCAGAGAGAAGGAGGTGCTATCAGCTCAGCATGCG
TCATATTGCCGAGAAGCTGAGCAGGCCAGGGCTGAGCTCGTAGCCAGCACCAGCGGCAGATGGCCATGG
CTGAACAGGAGAGGGACCAGGAGGTTGCCCGGCTCCGGGAGCTTCAGCAGGCATCCATCCTGGAGATGCG
CAAGGATCATGAGCACCAGCTGCAGCGGCTGAAGATGCTGAAGGACCAGGAGATTGATGCTGTACCAGC
GCTACCTCCATACTCGGTCCCTGAATGGCATCATCGAGCAGATGGAGAAGTTTTCCAGCAGCTTGAACA
CGCTGTCTCCCGCTGGAGGCTCGCACCTTACCACCTCACAGCAACGAGAGCTGGGGATTCCGGCAGCA
AGATGAGCAATTGCGAGCTCTGCAGGAGCGGCTGGGCCGACAGCAGCAGACATGGAGGAAGAGCGGAAC
AGGCTACAGGAGGTGTCGCGGAAGATGGAAGTACGCCCTGAGTGAGCAGAGCCGGCTCCTGGAACAGGAAC
GTTGGCGGGTGGCCGCCGAGAAGACTAAGGCAGAGTCAGCCAGCGCACTCTGGAGGAGCAAGGAAGAT
CATGGTCCAGCAGATTGCCATGGAGAGGGAGGAGCTGGAGAGAGCCAAGAGCGCCTTGCTGGAGGAGCAG
AAGTCAGTCATGAATAAGTGTGGGGAGGAGCGGCGCGCTGGCAGCAGAGTGGGCTGAGTATTTACAC
AGCAGAAGCTGAGTAAGGAACGGGCGGAGCGTGAGGCTGAGAGGGCGATGCATGCAGACTCCAGCGGGA
GGGCACCATCATCAGCCTGACCAAGGAGCAGGCGGAGCTGACAGTTAGGGCTGTGAGCTCCGGGCCAAG
GAGGAGAAGCTGCTTGTGAGAGGGAGGCTTTGGAGAGAGAGCGCAAGAGCTCCGGCTGGAGAAGGACA
GGTTACACAAAGCCAGCCTGCGCTGCAGGCCGTGCACAGGAGGTGGAACACATGAGTAAGGTAGCCTC
CAAGAAATACGAGGAGGGGAGCAGGCCTTGCAGGAGGCGCAGCAGATGCAGAATGAGCAGCAGGGCCGG
CTGCAGGTGGTCCAGCGCAGCAGGAGTGGCTGCGGCAGCAGGAGCAACGTGTGACCAGGAGCACCTGA
GCCTGGCAGCAGAGGCTGCAGCTGGACCGCTGCGGCAGGAAGTGCCTGCTAGCCTTCCGGGGCTGCC
CCCCAGGGTTAGGGCCCGGAGCCTCCAGCCGGGATGCTGTCCAGGCCCGCTCCAGCAGTCTCAG
TGTAAGCCAGCAGCTGCTGCCAGGTGCCACACACCTTCTTGCCAGCTGCTGCTAAAGCATACAG
CAGAAGAGGACCAGCACTTCTTGAGAATGAACAGTTCTTCTGGAGACTCTGAAGAAAGCACCTATAA
TATGGCGTACCATTCTGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_172571

Insert Size:

3522 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_172571.3, NP_766159.3</u>
RefSeq Size:	5404 bp
RefSeq ORF:	3522 bp
Locus ID:	217335
UniProt ID:	<u>A2A870</u>
Cytogenetics:	11 E2
Gene Summary:	Keratin-binding protein required for epithelial cell polarization. Involved in apical junction complex (AJC) assembly via its interaction with PARD3. Required for ciliogenesis (By similarity). [UniProtKB/Swiss-Prot Function]