

Product datasheet for **RC205565**

FAM71B (NM_130899) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM71B (NM_130899) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	FAM71B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC205565 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGAGCAATGAATCTTGTTTACCTTATTACACAGCCACAGCTACTCTTCAATGAGTGCCTTCAAAACCT
 CCATGGGGGACCTGCAACGACAATTGTACAACAGAGGAGAGTACAACATTTTCAAGTATGCACCAATGTT
 CGAGAGTAATTTTATTCAGATAAACAAGGGAGAGGTGATTGATGTACACAACCGTGTCCGAATGGTG
 ACAGTGGGCATCGTCTGCACCAGCCCCATCTCCCACTGCCTGACGTGATGGTTCTGGCCCAACCACTA
 AAATCTGTGAACAGCATGTCAGATGGGGCCGTTTCCCAAGGGGAGAGGTGCGAGGCCCGTCAAGACTCT
 AGAGCTCACGAGACTGCTTCCCTTGAAATTTGTGAAGATCTCCATCCACGATCATGAGAAACAGCAGCTG
 CGCCTGAAACTCGCCACTGGCCGTACTTTTATCTGCAGTTGTGTCCCTCTTGACACACGGGAAGATC
 TCTTTTGTCTATTGGGAAAACTTGTCTATCTCTGAGGCCACAGTAGAGAGTTACTGCAGTACCCCAAC
 ACTTCTATCTGGGACGCACACCCGAAGACAACAAAGCCTAGTGGCTGCAGAGCTCCACAGAGAAGGG
 GATCAGAGTGAGACTGGGCTCTACAAGCCTTGTGATGTATCTGCAGCCACCTCTTCTGCTTATGCTGGGG
 GAGAGGGAATCCAACATGCCTCCACGGAACGGCTAGTGCGGCTTCTCCATCCACGAGCACTCCAGGGGC
 TGCTGAAGGAGGAGCAGCAAGGACAGCAGGTGGCATGGCAGTGGCAGGAACAGCAACAGGACCTAGAACA
 GATGTGGCAATAGCAGGGGACGCAATGAGTCTGCAACAGGTGCTATGAGCATAGCAACAACCAATCTG
 CAGGCCACAGGCCAAGTGACCACAGCGTGGCGGGAGCAGCTATCAAAAATCCAGGAGAAAATGAATCCAG
 CAAGTCCATGGCAGGTGCTGCCAACATATCTCAGAGGGTATTAGCTTGGCCTTGGTGGGTGCTGCAAGC
 ACCTCCTTGAAGGTACTTCCACCTCGATGGCGGGGGCCGAGTCTCTCCAAGACAGCAGCTTGAGTG
 CGGCGTTTGCAGGCAGTATTACGACCAGCAAGTGTGCAGCAGAAAGAACTGAAGGACCAAGCAGTGGGACC
 CCTCATCTCCACCTTGCAAAGCGAAGGCTACATGAGTGAACGAGATGGAAGCCAGAAAGTTTCCGAGCCC
 AGTGCTGAAGTCTGGAATGAAAACAAGGAAGAAGAGAAAAGAAGGACAGACATCCAGTAGGAAAAGTT
 CTCATCACCGCAAGGCAGGTGAAAGTCAACGAGGAGAGCGGGGACAAGAATCAGAAAGCGTCTTCCCA
 CCGGTCCGCATCTGGCCATAAAACACGAGAGATGACAAAAAAGAAAAGGGTACAGCAACGTAAGGGGC
 AAGCGACATGGCTCCTCTCGAAGAGCTCCACCCACAGCTCCACCAAAAAGGAGTCGAGAACAACCTCAGG
 AACTGGGAAGAACCAATCTGCATCTAGCACAGGAGCTTTACAAAAGAAAGCCAGTAAGATCAGCTCTTT
 TTTAAGGAGCCTCAGGGCACTCCTGGTTCAAAAACAAGGGTACATCACATGACAGAGAGGTAGATATC
 GTGGCTAAGACGGTGGAGAAGCAAAACATAGAGGCCAAAGTGGAGAAAGCCAGGGTGGCCAGGAGCTGG
 AGATGATCAGTGGCACTATGACATCCGAGAAGACGGAGATGATCGTCTTTGAAACCAATCCATT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC205565 protein sequence
 Red=Cloning site Green=Tags(s)

MSNESCLPYTAAHSYSSMSAFKTSMDLQRLYNRGEYNIFYAPMFESNFIQINKKGEVIDVHNRVRMV
 TVGIVCTSPIPLPDVMLAQPTKICEQHVRWGRFAKGRRRPVKTLELTRLLPLKFVKISIHDEKQQL
 RLKLATGRTFYLLQCPSSDTREDLFCYWEKLVYLLRPPVESYCSPTLLSGDAPPEDNKSLSVAELHREG
 DQSETGLYKPCDVSAATSSAYAGGEGIQHASHGTASAASPSTSTPGAAEGGAARTAGGMVAGTATGPRT
 DVAIAGAAMSPATGAMSIATTKSAGPGQVTTALAGAAIKNPGENESSKSMAGAANISSEGISLALVGAAS
 TSLEGTSTSMAGAAASLQDSSLAAFAAGSITTSKCAARTTEGPAVGPLISTLQSEGYSERDGSQKVSQP
 SAEVWNNENKERREKKDRHPSRKSSSHRKAGESHRRRAGDKNQKASSHSRSASGHKNTRDDKKEKGSYNVRG
 KRHGSSRKSSHSSTKESRTTQELGKNQSASSTGALQKKASKISSFLRSLRATPGSKTRVTSHDREVDI
 VAKTVEKQNIKAEKAEKQGGQLEMIISGTMTSEKTEMIIVFETKSI

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk6536_b06.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_130899

ORF Size: 1815 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

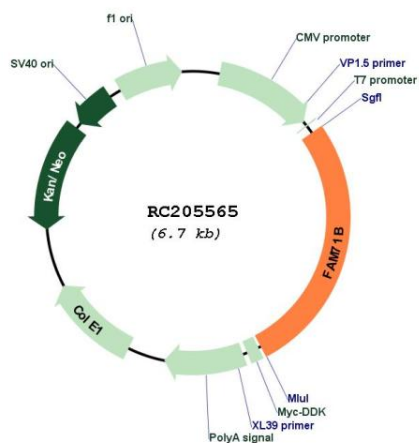
RefSeq: [NM_130899.1](#), [NP_570969.1](#)

RefSeq Size: 2046 bp

RefSeq ORF: 1818 bp

Locus ID: 153745
UniProt ID: [Q8TC56](#)
Cytogenetics: 5q33.3
MW: 64.7 kDa
Gene Summary: May be involved in RNA biogenesis.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC205565