

Product datasheet for SC128118

FAM82B (RMDN1) (NM_016033) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM82B (RMDN1) (NM_016033) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM82B
Synonyms:	CGI-90; FAM82B; RMD-1; RMD1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC128118 sequence for NM_016033 edited (data generated by NextGen Sequencing) ATGGCGCTGGCTCGACTGTGGCGCCTTCTGCCTTTCCGACGTGGAGCCGCCCGGGG TCTCGTCTCCCTGCGGGACTTCGGGCAGCCGCGGCATTGCGGCCCTGTCGATTCCGC GGCTTCGAGGTAATGGGAAACCCAGGAACCTTCAAAGAGGCCTTTACTCTCAGCTTTG TCGTATTTGGGTTTTGAACTTACCAGGTTATCTCTCAGGCTGCTGTGGTTCATGCCACA GCCAAAGTTGAAGAAATACTTGAACAAGCAGACTACCTGTATGAAAGCGGAGAAACAGAA AAACCTTATCAGTTGCTAACCAATACAAGGAAAGTGAAGATGCAGAGTTACTGTGGCGT TTGGCACGGGCATCACGTGATGTAGCTCAGCTTAGCAGAACCTCAGAAGAGGAGAAAAAG CTATTGGTGTATGAAGCCCTAGAGTATGCAAAAAGAGCACTAGAAAAAATGAATCAAGT TTTGCATCTCATAAGTGGTATGCAATCTGTCTTAGTGATGTTGGAGATTATGAAGGCATC AAGGCTAAAATTGCAAATGCATATATCATCAAGGAGCATTTTGAGAAAGCAATTGAACTG AACCTTAAAGATGCTACTTCAATTCACCTTATGGGTATTTGGTGTATACATTTGCCGAA ATGCCTTGGTATCAAAGAAGAATTGCTAAAATGCTGTTTGCAACTCCTCCTAGTTCACAC TATGAGAAGGCCTTAGGCTACTTTACAGGGCAGAACAAAGTGGATCCAAACTTCTACAGC AAAAATTACTTCTTTAGGAAAGACATACTTGAACTACACAACAAAAAGCTTGCTGCT TTCTGGCTAATGAAAGCCAAGGACTATCCAGCACACAGAGGAGGATAAACAGATACAG ACAGAAGCTGCTCAGTTGCTTACAAGTTTCAGTGAGAAGAATTGA Clone variation with respect to NM_016033.2 510 c=>t


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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_016033 unedited
 ACGACTCACTATAGGGCGGCCGGAATTCGGCAGCAGGGTGCAGGGTGCAGCCGCAAGTT
 GCAGGTCATGGCGCTGGCTGCTCGACTGTGGCGCCTTCTGCCTTTCCGACGTGGAGCCGC
 CCCGGGTCTCGTCTCCCTGCGGGGACTTCGGGCAGCCGCGGGCATTGCGGCCCTGTGCG
 ATTCGCGGCTTCGAGGTAATGGGAAACCCAGGAACCTTTCAAAGAGGCCTTTTACTCTC
 AGCTTTGTGCTATTTGGGTTTTGAACTTACCAGGTTATCTCTCAGGCTGCTGTGGTTCA
 TGCCACAGCCAAAGTTGAAGAACTACTTGAACAAGCAGACTACCTGTATGAAAGCGGAGA
 AACAGAAAAAATTTATCAGTTGCTAACCCAATACAAGGAAAGTGAAGATGCAGAGTTACT
 GTGGCGTTTGGCACGGGCATCACGTGATGTAGCTCAGCTTAGCAGAACCTCAGAAGAGGA
 GAAAAAGCTATTGGTGTATGAAGCCCTAGAGTATGCAAAAAGAGCACTAGAAAAAATGA
 ATCAAGTTTTGCATCTCATAAGTGGTATGCAATCTGTCTTAGTGATGTTGGAGATTATGA
 AGGCATCAAGGCTAAAATTGCAATGCATATATCATCAAGGAGCATTGAGAAAAGCAAT
 TGAAGTGAACCTAAAGATGCTACTTCAATTCACCTTATGGGTATTTNGGTGCTATACAT
 TTGCCGAAATGCCTTGGTATCAAAAAGAATTGCTAAAATGCTGTNGCAACTCCTCCTA
 NTTCCCTATGAGAAANGCCTANGCTACNTTCACAGGCAGAACAGTGATCCAACTTCT
 CAGCAAACTTACTTCTTAGGAAAGACTACTNGAACTACACAAAAAGCTTGCTGCTT
 TCTGCTAATGAAGCCAGGACTTCNNCCACCCGAGGAGGTAACGAACCGACGAACTGCTC
 NTGCTACAAA

3' Read Nucleotide Sequence:

>OriGene 3' genomic read for NM_016033 unedited
 ACACAAGTTTATTNCTTTTCTCCCTAAGGGAAAAACCATTTTAAAAAGCCATCCAGCAG
 ATTGCCACATCCCTAGAAAGATCCACTTCTGGCCCTTCAGCTGCTTCTGTTTCTCTTCA
 CCTACAAAAATAAAATTACAGTATACAATAACCTTTTAAATACAGCATCATTAAAGTGGG
 AAAGTGAAGCCCTGCCATTGTTGTTGCCGTTTAAACAGCTGATACAGGTTTCTGGTGATGC
 TGCTGTGGCCTAGCTACCTGACCACATTATTTTTCACTGTATCAGTGGTGTGTCATAT
 TTTTTTTTTGCCATCCTTGTTCTATGCGAGTTATGTCATATTTTTTACTGGTAAGTAC
 TTATGCATGAATAAGTATAAGAAAAAAGTCTTATTGGTAGCATATACATTCAAGTCAAGG
 AATGATGGTGACATCAACCAACCACAAATTACCCACATGAGTGGCTGAGATAATGACACC
 TTTGCTTTCTGATGGTTCAAGGTATGCAAACTTGGTCTCAATGCACAAAAATTATTAATA
 TAATGTTATATTAAGTACCTTCAAGCTATGTGCATAAGGTATATATGAAACAAGTGAAT
 NTGTGTTTAACTTGGGTCCCCTCTCCAGATATCTTATTGTGTATGCACGGATTCCAA
 AATTTGAAAAACATCCCAATCCAAGATGCTTTTACCTAGCCCCAAGTTTTTTCAGATA
 AGGATTACACCCCTATATAGCAAAATCACTGGATCTAAAAGAGGGGATACCAAGACACT
 TACTTTTATTTTTCTTTTTGTTTGAAGTATGACATGACAAACATATCCTACACGGCATTG
 TGACATTAACATTCCCAACCTTTGCGAAAAATCCACCTAACCAACAGCCTCTCTTTATT
 TAAGGGATTAAAGAGCTTCTTTTACCAACCTAACAAATTTGGTGTGGCGCCCTCCCCC
 AATGAGAACATAGCCTGCTCTTAAACCCACCTCACTTACCTTAAGTTGGGGGCTTC
 ATTCT

Restriction Sites:

NotI-NotI

ACCN:

NM_016033

Insert Size:

3180 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.

RefSeq: [NM_016033.1](#), [NP_057117.1](#)

RefSeq Size: 1216 bp

RefSeq ORF: 945 bp

Locus ID: 51115

UniProt ID: [Q96DB5](#)

Cytogenetics: 8q21.3