

Product datasheet for SC123479

FRMD8 (BC033851) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: FRMD8 (BC033851) Human Untagged Clone
Tag: Tag Free
Symbol: FRMD8
Synonyms: FERM domain containing 8; FKSG44; FLJ32216; FLJ90369; MGC31785
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for BC033851 edited
 GTCAGCTGCGTCCTTAGCGGGAGCCCGAGTGCGGGCGGTGGCGGGCTTGGCGCGGGGCA
 GGATTCAGGCAGGAGCCTTGCCCTCAGGTGGCGGGCTCTGCGACCCTGCGAGATGGAC
 GGGACAGAAGGCAGTGCCGGGCAGCCCGCCCGCTGAGCGATCCCACCGAAGCAGCGTG
 TCCTCCGTGGGAGCCCGAGGTGGTCCCACCCGCATCTCCTCTTCCACACCCTCTGGGA
 CCCCAGCCCTGGAGAAGTAGCTCTGGCTTGCTCTTTTTTCATTAAGATAATTTATGTA
 TCGACTAAGAAATAATAAGGTACATTCAGATGTGGAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for BC033851 unedited
 CATTCTTGAGTTTTGTNAATACCCACTTCTGTNAGGGNCGGACCGCGAAATTCCCGGG
 ATGTCAGCTGCGTCCTTAGCGGGAGCCCGAGTGCGGGCGGTGGCGGGCTTGGCGCGGGG
 CAGGATTCAGGCAGGAGCCTTGCCCTCAGGTGGCGGGCTCTGCGACCCTGCGAGATGG
 ACGGGACAGAAGGCAGTGCCGGGCAGCCCGCCCGCTGAGCGATCCCACCGAAGCAGCG
 TGTCTCCGTGGGAGCCCGAGGTGGTCCCACCCGCATCTCCTCTTCCACACCCTCTGG
 GACCCAGCCCTGGAGAAGTAGCTCTGGCTTGCTCTTTTTTCATTAAGATAATTTATG
 TATCGACTAAGAAATAATAAGGTACATTCAGATGTGGAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAGGCGCCCGGTATAGCTGTTTCTGAACAGATCCCGG
 GTGGCATCCCTGTGACCCCTCCCAGTGCCTCTCCTGGCCCTGGAAGTTGCCACTCCAGT
 GCCCACCAGCCTTGCCTAATAAATAAAGTTGCATATTTTGTCTGACTAGGTGCCTT
 CTATAATATTATGGGGTGGAGGGGGGTGAGTATGGGAGCAAGGGGCAAGTTGGGAAGACA
 ACCTGTAGGGCTGCGGGGTCTATTGGGAACCAAGCTGGAGTGCAGTGGCACAATCTTGG
 CTCAGTCAATCTCCGCCTCCTGGGTCAAGCGATTCTCCTGCCTCAGCCTCCCGAGTTG
 TTGGGATTCAGGCATGCTTGACCAGGCTCAACTAATTTTGGTTTTTGGTAGAAACCGG
 GTTTCACATTTTGGCCAGGCTGGTCTCCACTCCTAATCTCAGGTGATCTACCACCTGGG
 CTCCAAATTGCTGGATTCAGGGTGAACACTGCTCCCTCCTGTCTTTGAT

Restriction Sites: Please inquire



[View online »](#)

ACCN:	BC033851
Insert Size:	377 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:	BC033851.1 , AAH33851.1
RefSeq Size:	377 bp
Locus ID:	83786
Cytogenetics:	11q13.1
Gene Summary:	Promotes the cell surface stability of iRhom1/RHBDF1 and iRhom2/RHBDF2 and prevents their degradation via the endolysosomal pathway. By acting on iRhoms, involved in ADAM17-mediated shedding of TNF, amphiregulin/AREG, HBEGF and TGFA from the cell surface (PubMed:29897333, PubMed:29897336). Negatively regulates Wnt signaling, possibly by antagonizing the recruitment of AXIN1 to LRP6 (PubMed:19572019).[UniProtKB/Swiss-Prot Function]