

Product datasheet for **SC313183**

KIAA0233 (BC008073) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KIAA0233 (BC008073) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM38A
Synonyms:	family with sequence similarity 38, member A; KIAA0233; Mib
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for BC008073, the custom clone sequence may differ by one or more nucleotides ATGAAGATTTGCCCGTTTTCTTCTAAAAGTTCTATAGTTTTAGCTCTGAAGTTTCGCTCT TTGATCCACTTTGAGAAATACCCGCAGCCCAAAGGGCAGAAGAAGAAGATCGTCAAG TACGGCATGGGTGGCCTCATCATCTTCTCCTCATCGCCATCATCTGGTCCCGCTGCTC TTCATGTCGCTGGTGGCTCCGTGGTTGGGGTTGTCAACCAGCCCATCGATGTCACCGTC ACCCTCAAGCTGGGCGGCTATGAGCCGCTGTTACCATGAGCGCCAGCAGCCGTCATC ATCCCTTCACGGCCAGGCCTATGAGGAGCTGTCCCGCAGTTTGACCCCAAGCCGCTG GCCATGCAGTTTCATCAGCCAGTACAGCCCTGAGGACATCGTCACGGCGCAGATTGAGGGC AGCTCCGGGGCGCTGTGGCGCATCAGTCCCCCAGCCGTGCCAGATGAAGCGGGAGCTC TACAACGGCAGCGCCGACATCACCTGCGCTTACCTGGAACCTCCAGAGGGACCTGGCG AAGGGAGGCACTGTGGAGTATGCCAACGAGAAGCACATGCTGGCCCTGGCCCCAACAGC ACTGCACGGCGGAGCTGGCCAGCCTGCTCGAGGGCACCTCGGATCAGTCTGTGGTCATC CCCAATCTTCCCAAGTACATCCGTGCCCAACGGGGCCGAAGCCAACCTGTGAAG CAGCTGCAGCCAATGAGGAGGCCGACTACCTCGGCGTGCATCCAGCTGCGGAGGGAG CAGGGTGCGGGGCCACCGGCTTCTCGAATGGTGGTTCATCGAGCTGCAGGAGTGCCGG ACCGACTGCAACCTGCTGCCATGGTCATTTTCAGTGACAAGCATCATGGGCTGTACGT GTCCATCGTGTGTCATCGGCAAGTTTCGTGCGCGGATTCTTCAGCGAGATCTCGCACTC CATTATGTTTCGAGGAGCTGCCGTGCGTGACCGCATCCTCAAGCTCTGCCAGGACATCTT CCTGGTGCGGGAGACTCGGGAGCTGGAGCTGGAGGAGGAGTTGTATGCCAAGCTCATCTT CCTCTACCGCTCACCGGAGACCATGATCAAGTGGACTCG
Restriction Sites:	Please inquire
ACCN:	BC008073
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).



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OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>BC008073.1</u> , <u>AAH08073.2</u>
RefSeq Size:	1664 bp
RefSeq ORF:	1122 bp
Locus ID:	9780
Cytogenetics:	16q24.3
Protein Families:	Transmembrane
Gene Summary:	The protein encoded by this gene is a mechanically-activated ion channel that links mechanical forces to biological signals. The encoded protein contains 36 transmembrane domains and functions as a homotetramer. Defects in this gene have been associated with dehydrated hereditary stomatocytosis. [provided by RefSeq, Jul 2015]