

Product datasheet for **SC123858**

FAM154A (SAXO1) (NM_153707) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM154A (SAXO1) (NM_153707) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM154A
Synonyms:	C9orf138; FAM154A
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

>OriGene sequence for NM_153707 edited
 GTCTGGACTGCGGAGGCCGGGCGGTGGCGTGCAGGGTGAGGTCTCCCGGGCTGGCGCGC
 GTGCAAGCCCCCTGCTGTACCTCGCGCTAGGCCAGCTCCAGGAGGGCAACAGACGACAG
 GACATTTCAAAAGGGCCACTTAAATTTTCTTCGAGTAAACAGAACACCTGCCAAGACCC
 TCGAGCCTGGGCGTGCCCAAGACAGGTGGTTGGGGTCTAGGAGTCGGCTGCAGCTGGCG
 ATGCTCTGAGGGGACGTGAGGCGCTCAGGATCGCCCTATGAAGACGAAGTGCATCTGTG
 AACTGTGCTCCTGCGGGCGGCATCACTGTCCACATCTCCCTACCAAGATTTATGATGAAA
 CAGAGAAACCATGTCTTCTCTCCGAATATACCGAGAACTACCCTTTCTATCACTCCTACC
 TGCCCAAGAGAGTCCTTCAAGCCAAGGCGGGAGTACCAGAAAGGGTCTATACCAATGGAAG
 GCCTGACTACATCAAGGAGAGATTTTGGGCCTCACAAGTGGCACCAGTGAAGGTCCACC
 AGTATGACCAGTTTCGTCCGAGTGAAGAGAATATGGATTTGCTCACGACGTATAAGAAAG
 ATTACAATCCCTACCCTGTCTGTGAGTGGACCCCATCAACCTCGGGACAGTAAATATC
 CATGTAGCGACAAGATGGAGTGTTCCTACTTATAAAGCTGATTATTTGCCTTGGAACC
 AACCAAGGCGAGAGCCACTTCGTCTGGAACACAAATACCAGCCGGCATCAGTCAGGTTTG
 ATAACAGAACCACACACCAGGACGATTACCCATAAAAGGCCCTTGTGAAGACCATAAGCT
 GTAAACCTCTGGCCATGCCAAAGCTCTGTAAACATCCCCTTGGAGGATGTGACTAACTACA
 AGATGAGCTATGTGGCCACCCCGTGGAGAAGCGCTTTGTGCATGAAGCAGAGAAGTTCA
 GGCCCTGTGAAATCCCCTTTGAAAGCCTTACCACTCAAAAACAATCCTACCGGGGCGCTGA
 TGGGGGAGCCTGCCAAGAGCTTGAACCTCTAGCCAGGCTCCTGGGCTAGACATGCCTT
 TCTGTAACACCACTGAGTTTCGAGATAAGTACCAAGCTTGGCCATGCCCGGATGTTCT
 CCAAAGCTCCCATCACCTACGTCCCTCCGAAGACAGGATGGATCTTCTGACAACAGTGC
 AGGCCCATTACACATGCCCTAAGGGTGGCCAGCTCAGTCCTGCCGACCTGCACTTCAGA
 TTAAGAAGTGGGTCGCTTTGAAGGCTCTTCCACCACCAAGGATGACTACAAGCAGTGGT
 CCAGCATGCGCACAGAGCCAGTCAAGCCGTTCCCGAGCTGGACTTGCCACCGAGCCCC
 TGGACTGCCTGACCACCACTCGGGCCCACTATGTGCCCACTGCCTATCAATACCAAAA
 GCTGTAAGCCTCATTGGTCTGGCCCTCGAGGAAATGTCCCTGTGGAAGCCAGACCACCT
 ACACCATCAGCTTTACTCCCAAGGAAATGGGCAGGTGCCTAGCTTCATATCCTGAGCCTC
 CTGGCTACACCTTTGAGGAAGTGGATGCTTTGGGTACAGGATATACAAACCAAGTTCCC
 AGGCAGGCTCTCAGCAGAGCAGCCATCTTCTGTAGATGATTGAGAAAACCCCAACCAGA
 GGGAGTTGGAAGTGTAGCCTGATTTTGAAGAACAGTAATTTAGAAATTACACAGTACTT
 TTAAGAGCAGACAAGTGAAGATTTTGTGGACAAAAAAGAAATCCCTAAAATGACAAA
 AAACAAAAACAAAAACCTTCAACCACTCCAGAGCACTTGAATAAAATGAGAATCACTT
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**5' Read Nucleotide
Sequence:**

>OriGene 5' read for NM_153707 unedited
 GAGGATCGGCATTTTGTATACGCACTTTATATAGNNGCGCGCAATTCCCGGGNA
 GTCTGGACTGCGGTAGCCGGGGCGGTGGCGTGCAGGGTGAGGTCTCCCGGGCTGGCGCGC
 GTGCAAGCCCCCTGCTGTACCTCGCGCTAGGCCAGCTCCAGGAGGGCAACAGACGACAG
 GACATTTCAAAAGGGCCACTTAAATTTTCTTCGAGTAAACAGAACACCTGCCAAGACCC
 TCGAGCCTGGGCGTGCCCAAGACAGGTGGTTGGGGTCTAGGAGTCGGCTGCAGCTGGCG
 ATGCTCTGAGGGGACGTGAGGCGCTCAGGATCGCCCTATGAAGACGAAGTGCATCTGTG
 AACTGTGCTCCTGCGGGCGGCATCACTGTCCACATCTCCCTACCAAGATTTATGATGAAA
 CAGAGAAACCATGTCTTCTCTCCGAATATACCGAGAACTACCCTTTCTATCACTCCTACC
 TGCCCAAGAGAGTCCTTCAAGCCAAGGCGGGAGTACCAGAAAGGGTCTATACCAATGGAAG
 GCCTGACTACATCAAGGAGAGATTTTGGGCCTCACAAGTGGCACCAGTGAAGGTCCACC
 AGTATGACCAGTTTCGTCCGAGTGAAGAGAATATGGATTTGCTCACGACGTATAAGAAAG
 ATTACAATCCCTACCCTGTCTGGCTAGTGGACCCCATCAACCTCGGGACAGTAAATATC
 CATTGTAGCGACAAGATGGAGTTGTTTGCCTACTTATAAGGCTGATTTTGCCTTGGGA
 CCAACCAAGGCGAGAGCCACTTCGTCTGGAACACAAATACCAGCCGCATAGTCAAGGTT
 GGTAACAGAACCCCGCGCAGGAGCATCCCCCATAAAGGGCTTGTGAAAGACACAAGCTG
 GAAACCTCTGGCCATGCACAACCTTGTACACACCTTG

Restriction Sites:	Please inquire
ACCN:	NM_153707
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:	<u>NM_153707.1</u> , <u>NP_714918.1</u>
RefSeq Size:	1898 bp
RefSeq ORF:	1425 bp
Locus ID:	158297
UniProt ID:	<u>Q8IYX7</u>
Cytogenetics:	9p22.1
Gene Summary:	May play a role in the regulation of cilium length. Stabilizes microtubules at low temperature. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a).