

Product datasheet for SC335925

FAM154A (SAXO1) (NM_001287049) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM154A (SAXO1) (NM_001287049) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM154A
Synonyms:	C9orf138; FAM154A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335925 representing NM_001287049. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGAAGCGCTGACTACATCAAGGAGAGATTTTGGGCCTCACAAAGTGCCACAGTGAAGGTCCACCAG
 TATGACCAGTTTCGTCGAGTGAAGAGAATATGGATTTGCTCACGACGTATAAGAAAGATTACAATCCC
 TACCCTGTCTGTCGAGTGGACCCCATCAAACCTCGGGACAGTAAATATCCATGTAGCGACAAGATGGAG
 TGTTTGCCTACTTATAAAGCTGATTATTTGCCTTGAACCAACCAAGGCGAGAGCCACTTCGTCTGGAA
 CACAAATACCAGCCGGCATCAGTCAGGTTTGATAACAGAACACACACCAGGACGATTACCCATAAAA
 GGCCTTGTGAAGACCATAAGCTGTAAACCTCTGGCCATGCCAAAGCTCTGTAACATCCCCTTGGAGGAT
 GTGACTAACTACAAGATGAGCTATGTGGCCACCCCGTGGAGAAGCGCTTGTGCATGAAGCAGAGAAG
 TTCAGGCCCTGTGAAATCCCCTTTGAAAGCCTTACCACTCAAAAAACAATCCTACCGGGGCCCTGATGGGG
 GAGCCTGCCAAGAGCTTGAAACCTCTAGCCAGGCCCTCCTGGGCTAGACATGCCTTTCTGTAACACCACT
 GAGTTTCGAGATAAGTACCAAGCTTGCCAATGCCCGGATGTTCTCAAAGCTCCCATCACCTACGTG
 CCTCCGAAGACAGGATGGATCTTCTGACAACAGTGCAGGCCATTACACATGCCCTAAGGGTGCCCCA
 GCTCAGTCCTGCCGACCTGCACCTCAGATTAAGAAGTGCGGTGCTTTGAAGGCTCTTCCACCACCAAG
 GATGACTACAAGCAGTGGTCCAGCATGCGCACAGAGCCAGTCAAGCCCGTTCCTCCAGCTGGACTTGCCC
 ACCGAGCCCTGGACTGCCTGACCACCACTCGGGCCCACTATGTGCCCCACCTGCCTATCAATACCAAA
 AGCTGTAAGCCTCATTGGTCTGGCCCTCGAGGAAATGTCCTGTGGAAGCCAGACACCTACACCATC
 AGCTTTACTCCCAAGGAAATGGGCAGGTGCCTAGCTTCATATCCTGAGCCTCCTGGCTACACCTTTGAG
 GAAGTGGATGCTTTGGGTACAGGATATACAAACCAAGTTTCCAGGCAGGCTCTCAGCAGAGCAGCCAT
 CTTTCTGTAGATGATTAGAAAACCCCAACCAGAGGGAGTTGGAAGTGTTAGCCTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC

Restriction Sites: SgfI-MluI


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ACCN:	NM_001287049
Insert Size:	1230 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:	<u>NM_001287049.1</u>
RefSeq Size:	1941 bp
RefSeq ORF:	1230 bp
Locus ID:	158297
UniProt ID:	<u>Q8IYX7</u>
Cytogenetics:	9p22.1
MW:	46.8 kDa
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 (2) contains an alternate 5' terminal exon and it thus differs in the 5' UTR and initiates translation from a downstream in-frame start codon, compared to variant 1. The encoded isoform (b) is shorter at the N-terminus, compared to isoform a.