

Product datasheet for **SC333357**

FAM154A (SAXO1) (NM_001287050) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM154A (SAXO1) (NM_001287050) 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:	>SC333357 representing NM_001287050. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
ATGAAGACGAAGTGCATCTGTGAAGTGTCTCTCGGGCGGCATCACTGTCCACATCTCCCTACCAAG
ATTTATGATAAAACAGAGAAACCATGTCTTCTCTCCGAATATACCGAGAACTACCCTTTCTATCACTCC
TACCTGCCAGAGAGTCTTCAAGCCAAGGCGGGAGTACCAGAAAGGCCTATACCAATGGAAGGCCTG
ACTACATCAAGCTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001287050
Insert Size:	222 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).


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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_001287050.1](#)

RefSeq Size: 1980 bp

RefSeq ORF: 222 bp

Locus ID: 158297

UniProt ID: [Q8IYX7](#)

Cytogenetics: 9p22.1

MW: 8.6 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 (3) lacks an alternate exon that results in early translation termination, compared to variant 1. The encoded isoform (c) is significantly shorter at the C-terminus, compared to isoform a.