

Product datasheet for **SC334833**

FAM92A1 (FAM92A) (NM_001283034) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM92A1 (FAM92A) (NM_001283034) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM92A1
Synonyms:	FAM92A; FAM92A1; PAPA9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001283034, the custom clone sequence may differ by one or more nucleotides

ATGATGAGGCGCACCCCTGGAAAACCGGAACGCTCAAACGAAACAACCTGCAAACAGCTGTCTCAAATGTGG
 AGAAGCATTTTGGAGAACTGTGCCAAATCTTCGCTGCCTATGTGCGGAAAACCTGCCAGGCTGAGAGACAA
 AGCAGACCTCCTGGTGAATGAAATTAACGCGTATGCTGCTACAGAGACCCCGCATTTAAAGCTGGGCCTG
 ATGAACTTTCAGATGAGTTTGCCAACTTCAGGATTATCGACAAGCAGAGGTTGAAAGACTTGAAGCCA
 AAGTAGTTGAACCCTTGAAAACCTATGGGACCATTGTGAAAATGAAACGGGATGACCTCAAAGCAACACT
 CACAGCAAGGAATCGAGAAGCTAAGCAATTAACCTAGTTAGAAAGAACACGTGAGCGAAACCCATCTGAT
 CGACATGTTATTTACAGGCAGAAACGGAATTACAGAGAGCTGCAATGGATGCTAGCCGAACAAGTCGTC
 ATCTGGAGGAACTATTAACAACCTTGAAAGGCAGAAAATGAAGGATATAAAGGTTTTCCGAAATTCTCT
 GTATGCACCAGATTATTCATCTCGTTTAGATATTGTAAGAGCAAATTCAAAGTCACCTCTTCAGAGATCA
 CTGTCAGCTAAGTGTGTATCTGGAACAGGACAGGTATCCACTTGTGCGACTAAGAAAGGATCAACAAGCAG
 AAGATGATGAGGATGACGAGTTAGATGTTACAGAAGAAGAAAATTTCTTAAGTA

Restriction Sites:	Sgfl-RsrII
ACCN:	NM_001283034
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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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>NM_001283034.1, NP_001269963.1</u>
RefSeq Size:	1870 bp
RefSeq ORF:	756 bp
Locus ID:	137392
UniProt ID:	<u>A1XBS5</u>
Cytogenetics:	8q22.1
Gene Summary:	<p>Probable regulator of ciliogenesis involved in limb morphogenesis. In cooperation with CBY1 it is involved in the recruitment and fusion of endosomal vesicles at distal appendages during early stages of ciliogenesis.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) lacks an in-frame exon in the 3' coding region compared to variant 1. The encoded isoform (2) is shorter than isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>