

Product datasheet for SC124592

RNF135 (NM_197939) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: RNF135

Synonyms: L13; MMFD; REUL; Riplet

Mammalian Cell None

Selection:

Vector: pCMV6-XL4

E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF within SC124592 sequence for NM_197939 edited (data generated by NextGen Sequencing)

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ATGGCGGGCCTGGGCCTGGGCTCCGCCGTTCCCGTGTGGCTGGCCGAGGACGACCTCGGC
TGCATCATCTGCCAGGGGCTGCTGGACTGGCCCGCCACGCTGCCCTGCGGCCACAGCTTC
TGCCGCCACTGCCTGGAGGCCCTGTGGGGCGCCCGCAGCGCCCGCCGCTGGGCCTGCCCC
ACTTGCCGCCAGGGCGCCGCGCAGCAGCCGACCTGCGGAAGAACACGCTACTGCAGGAC
CTGGCCGACAAGTACCGCCGCGCCGACGCGAGATACAGGCGGGCTCCGACCTGCCCCAC
TGCCCCCTGCCCGGGCTCCAGTTCCTCTCCAGCGCGGCCGCGAGGCCCGGCGCCGCCCG
GAACTGCAGCGGGTGGCAGTAGAGAAGAGCATCACAGAAGTTGCTCAGGAGCTGACAGAG
CTGGTGGAACATCTTGTAGACATTGTCAGAAGCCTGCAGAATCAGAGGCCCTATCAGAA
TCTGGACCAAGACAACGAAGTGAAGCATCCTGGGCAAGGAGAACTCCTGGAAGCCCGTCTT
CCTCTCATGCCCATTTGCTGACCAGAGCCACCCTGCACTCAGGAGAGCTTCTCGTTTG
CTCAGTGGGCCATCCATCAACCTTTAACTTGA
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Clone variation with respect to NM_197939.1



5' Read Nucleotide Sequence:	>OriGene 5' read for NM_197939 unedited <pre> GGGTTACATTTCTAAACGACTCATATAGGCGGACCGCAATTCGACCAGCCGACGTCC GCGCCCCGGCCGCTGTTGGCCATGGCGGGCCTGGGCTCCGCCGTTCCCGTGTG GCTGGCCGAGGACGACCTCGGCTGCATCATCTGCCAGGGGCTGCTGGACTGGCCCGCCAC GCTGCCCTGCGGCCACAGCTTTGCCGCCACTGCCTGGAGGCCCTGTGGGCGCCCGCA CGCCCCCGCTGGGCTGCCCACTTGCCGCCAGGGCGCCGCGCAGCAGCCGACCTGCG GAAGAACACGCTACTGCAGGACCTGGCCGACAAGTACCGCCGCGCCGACGCGAGATACA GGCGGGCTCCGACCCTGCCCACTGCCCTGCCGGGCTCCAGTTCCCTCTCCAGCGCGGC CGCGAGGCCCGCGCCGCCGGAAGTGCAGCGGTGGCAGTAGAGAAGAGCATCACAGA AGTTGCTCAGGAGCTGACAGAGCTGGTGAACATCTTTAGACATTGTGAGAAGCCTGCA GAATCAGAGGCCCTATCAGAATCTGGACCAGACAACGAACTGAGCATCCTGGCAAGGC TTTTTCTTCTGGGGTGGATCTTTCCATGGCTTCTCAAAGCTGGTGAATCCGACACAGC TGCAGGAAAAATCAGAGATATTCTCCATGACCTAGAAGAAATTCAGGANAAATTACAAGA AAGCGTCACCTGAAAGAGGCTCCTGAAGCACAAATGCAGGGAGAACTCCTGAAAGCCC GTCTGCCTCCTCATGCCATTGCCTGACCAGAGCCACCCTGCACTCANGAGAGCTTCTCG GTTTGCTCAGTGGGCCATCCATCCAACCTTTTACTTGNAGAAGCTTNCCTGCANACCTGA AGTGTTCAGGATCCCC </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_197939
Insert Size:	1800 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_197939.1</u> , <u>NP_922921.1</u>
RefSeq Size:	2032 bp
RefSeq ORF:	633 bp
Locus ID:	84282

UniProt ID: Q8IUD6

Cytogenetics: 17q11.2

Protein Families: Druggable Genome

Gene Summary: The protein encoded by this gene contains a RING finger domain, a motif present in a variety of functionally distinct proteins and known to be involved in protein-protein and protein-DNA interactions. This gene is located in a chromosomal region known to be frequently deleted in patients with neurofibromatosis. Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008]

Transcript Variant: This variant (2) lacks an exon in the CDS, which causes a translation frame-shift, as compared to variant 1. The resulting isoform (2) has a shorter and distinct C-terminus, as compared to isoform 1.