

Product datasheet for **SC328471**

RNF135 (NM_001184992) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RNF135 (NM_001184992) Human Untagged Clone
Tag:	Tag Free
Symbol:	RNF135
Synonyms:	L13; MMFD; REUL; Riplet
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC328471 representing NM_001184992. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGATCGCC
ATGGCGGGCTGGGCTGGGCTCCGCCGTTCCCGTGTGGCTGGCCGAGGACGACCTCGGCTGCATCATC
TGCCAGGGGCTGCTGGACTGGCCCGCCACGCTGCCCTGCGGCCACAGCTTCTGCCGCCACTGCCTGGAG
GCCCTGTGGGCGCCCGCAGCGCCCGCGCTGGGCTGCCCACTTGCCGCCAGGCGCCGCGCAGCAG
CCGCACCTGCGGAAGAACACGCTACTGCAGGACCTGGCCGACAAGTACCGCCGCGCCGACGCGAGATA
CAGGCGGGCTCCGACCCTGCCCACTGCCCTGCCCGGCTCCAGTTCCTCTCCAGCGCGCCGCGAGG
CCCCGGCGCCCGGAACTGCAGCGGGTGGCAGTAGAGAAGAGCATCACAGAAGTTGCTCAGGAGCTG
ACAGAGCTGGTGGAACATCTTGTAGACATTGTCAGAAGCCTGCAGAATCAGAGGCCCTATCAGAATCT
GGACCAGACAACGAACCTGAGCATCTGGCAAGGCTTTTCTTCTGGGGTGGATCTTTCCATGGCTTCT
CCAAAGCTGGTGACTTCCGACACAGCTGCAGGAAAAATCAGAGATATTCTCCATGACCTAGAAGAAATT
CAGGAAAAATTACAAGAAAGCGTCACCTGGAAAGAGGCTCCTGAAGCACAAATGCAGGGTTCTCTGTTG
CCCAGGCTGGAGTGCAGTGGCACAATCACTGCAGCCTCGATCTCTCAGGCTCAGGAGAACTCCTGGAAG
CCCCGTCTTCTCTCATGCCATTGCCTGACCAGAGCCACCTGCACTCAGGAGAGCTTCTCGGTTTG
CTCAGTGGGCCATCCATCCAACCTTTAACTTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

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Restriction Sites:	SgfI-MluI
ACCN:	NM_001184992
Insert Size:	861 bp


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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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_001184992.1</u>
RefSeq Size:	2254 bp
RefSeq ORF:	861 bp
Locus ID:	84282
UniProt ID:	<u>Q8IUD6</u>
Cytogenetics:	17q11.2
Protein Families:	Druggable Genome
MW:	31 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (3) has an additional exon in the CDS, which causes a translation frame-shift, as compared to variant 1. The resulting isoform (3) has a shorter and distinct C-terminus, as compared to isoform 1.</p>