

Product datasheet for **SC331887**

RNF41 (NM_001242826) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: RNF41 (NM_001242826) Human Untagged Clone
Tag: Tag Free
Symbol: RNF41
Synonyms: FLRF; NRDP1; SBB103
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC331887 representing NM_001242826.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGGGTATGATGTAACCCGTTTCCAGGGGGATGTTGACGAAGATCTTATCTGCCCTATTTGCAGTGGA  
GTCTTGGAGGAGCCAGTACAGGCACCTCATTGTGAACATGCTTTCTGCAACGCCTGCATCACCCAGTGG  
TTCTCTCAGCAACAGACATGTCCAGTGGACCGTAGTGTGTGACGGTCGCCCATCTGCGCCAGTACCT  
CGGATCATGCGGAACATGTTGTCAAAGTGCAGATTGCCTGTGACAACGCTGTGTTCCGGTGTAGTGCC  
GTTGTCCGGCTTGACAACCTCATGTCTCACCTCAGCGACTGTGAGCACAACCCGAAGCGGCTGTGACC  
TGTGAACAGGGCTGTGGCCTGGAGATGCCCAAAGATGAGCTGCCCAACCATAACTGCATTAAGCACCTG  
CGCTCAGTGGTACAGCAGCAGCAGACACGCATCGCAGAGCTGGAGAAGAGCTCAGCTGAACACAAACAC  
CAGCTGGCGGAGCAGAAGCGAGACATCCAGCTGCTAAAGGCATACATGCGTGAATCCCGAGTGTCAAC  
CCCAACCTTCAGAACCTGGAGGAGACAATTGAATACAACGAGATCCTAGAGTGGGTGAACTCCCTTCAG  
CCAGCAAGAGTGACCCGCTGGGGAGGGATGATCTCGACTCCTGATGCTGTGCTCCAGGCTGTAATCAAG  
CGCTCCCTGGTGGAGAGTGGCTGTCTGCTTCTATTGTCAACGAGCTGATTGAAAATGCCACGAGCGT  
AGCTGGCCCCAGGGTCTGGCCACACTAGAGACTAGACAGATGAACCGACGCTACTATGAGAACTACGTG  
GCCAAGCGCATCCCTGGCAAGCAGGCTGTTGTCGTGATGGCCTGTGAGAACCAGCACATGGGGGATGAC  
ATGGTGAAGAGCCAGGCCTTGCATGATATTTGCCATGGCGTGAAGAGATATAA
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Restriction Sites: SgfI-MluI
ACCN: NM_001242826
Insert Size: 954 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_001242826.1](#)

RefSeq Size: 5216 bp

RefSeq ORF: 954 bp

Locus ID: 10193

UniProt ID: [Q9H4P4](#)

Cytogenetics: 12q13.3

Protein Pathways: Endocytosis

MW: 35.9 kDa

Gene Summary: This gene encodes an E3 ubiquitin ligase. The encoded protein plays a role in type 1 cytokine receptor signaling by controlling the balance between JAK2-associated cytokine receptor degradation and ectodomain shedding. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2011]

Transcript Variant: This variant (4) differs in the 5' UTR compared to variant 1. Variants 1, 3 and 4 encode the same protein. 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.