OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC107725

RNF41 (NM_194359) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RNF41 (NM_194359) Human Untagged Clone
Tag:	Tag Free
Symbol:	RNF41
Synonyms:	FLRF; NRDP1; SBBI03
Mammalian Cell Selection:	None
Vector:	pCMV6-XL6
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF:

>OriGene ORF within SC107725 sequence for NM_194359 edited (data generated by NextGen Sequencing)

```
ATGGGGTATGATGTAACCCGTTTCCAGGGGGATGTTGACGAAGATCTTATCTGCCCTATT
TGCAGTGGAGTCTTGGAGGAGCCAGTACAGGCACCTCATTGTGAACATGCTTTCTGCAAC
GCCTGCATCACCCAGTGGTTCTCTCAGCAACAGACATGTCCAGTGGACCGTAGTGTTGTG
ACGGTCGCCCATCTGCGCCCAGTACCTCGGATCATGCGGAACATGTTGTCAAAGCTGCAG
ATTGCCTGTGACAACGCTGTGTTCGGCTGTAGTGCCGTTGTCCGGCTTGACAACCTCATG
TCTCACCTCAGCGACTGTGAGCACAACCCGAAGCGGCCTGTGACCTGTGAACAGGGCTGT
GGCCTGGAGATGCCCAAAGATGAGCTGCCCAACCATAACTGCATTAAGCACCTGCGCTCA
GTGGTACAGCAGCAGCAGACACGCATCGCAGAGCTGGAGAAGACGTCAGCTGAACACAAA
CACCAGCTGGCGGAGCAGAAGCGAGACATCCAGCTGCTAAAGGCATACATGCGTGCAATC
CGCAGTGTCAACCCCAACCTTCAGAACCTGGAGGAGACAATTGAATACAACGAGATCCTA
GAGTGGGTGAACTCCCTTCAGCCAGCAAGAGTGACCCGCTGGGGAGGGATGATCTCGACT
CCTGATGCTGTGCTCCAGGCTGTAATCAAGCGCTCCCTGGTGGAGAGTGGCTGTCCTGCT
TCTATTGTCAACGAGCTGATTGAAAATGCCCACGAGCGTAGCTGGCCCCAGGGTCTGGCC
ACACTAGAGACTAGACAGATGAACCGACGCTACTATGAGAACTACGTGGCCAAGCGCATC
CCTGGCAAGCAGGCTGTTGTCGTGATGGCCTGTGAGAACCAGCACATGGGGGATGACATG
GTGCAAGAGCCAGGCCTTGTCATGATATTTGCGCATGGCGTGGAAGAGATATAA

Clone variation with respect to NM_194359.2
```


View online »

5' Read Nucleotide Sequence:

```
>OriGene 5' read for NM_194359 unedited
GGGGGGGGNNGGGGGGNNNNNNNNNNNTNNNNNNNNTTTTTTTACCCCCGCCCGTTGNCG
CAAAGGGCGGTAGGCGTGTACGGTGGNGAGTCTATATAAGCAGAGCTCATTTAGGTGACA
CTATAGAATACAAGCTACTTCCTCTTTTTGCAGCGGCCGCGAATTCGGCACGAGGCTGAT
TGTGACATCACATTCATCCCCTGGGCGATGGAGCTTGTCACTGGGAAGGAATACTCAGTC
GGAGAATAGCCAACAAGATGGGTTACTGGGAGAATCTCTTCAGTGGCACTGAGTGGAGGC
ATCAGGGGGTTGGAGCCTTGTGAACAGGGAACCTGCCCCCCAACACTTGGAAGGACCTGG
GTTTCAGTGATGAGACATGGGGTATGATGTAACCCGTTTCCAGGGGGATGTTGACGAAGA
TCTTATCTGCCCTATTTGCAGTGGAGTCTTGGAGGAGCCAGTACAGGCACCTCATTGTGA
ACATGCTTTCTGCAACGCCTGCATCACCCAGTGGTTCTCTCAGCAACAGACATGTCCAGT
GGACCGTAGTGTTGTGACGGTCGCCCATCTGCGCCCAGTACCTCGGATCATGCGGAACAT
GTTGTCAAAGCTGCAGATTGCCTGTGACAACGCTGTGTTCGGCTGTAGTGCCGTTGTCCG
GCTTGACAACCTCATGTCTCACCTCAGCGACTGTGAGCACAACCCGAAGCGGCCTGTGAC
CTGTGAACAGGGCTGTGGCCTGGAGATGCCCAAAGATGAGCTGCCCAACCATAACTGCAT
TAAGCACCTGCGCTCAGTGGTACAGCAGCAGCAGACACGCATCGCAGAGCTGGAGAAGAC
GTCAGCTGAACACAAACACCAGCTGGCGGAGCAGAAGCGAGACATCCAGCTGCTAAAGGC
ATACATGCGTGCAATCCGCAGTGTCAACCCCAACCTTCAGACCT
```

Restriction Sites: NotI-NotI

ACCN: NM_194359

Insert Size: 2100 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.

RefSeq: NM_194359.1, NP_919340.1

RefSeq Size: 3174 bp

RefSeq ORF: 954 bp

Locus ID: 10193

UniProt ID: Q9H4P4

Cytogenetics: 12q13.3

Protein Pathways: Endocytosis

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 (3) 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.