

Product datasheet for **SC111140**

RNF41 (NM_005785) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RNF41 (NM_005785) Human Untagged Clone
Tag:	Tag Free
Symbol:	RNF41
Synonyms:	FLRF; NRDP1; SBB103
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC111140 sequence for NM_005785 edited (data generated by NextGen Sequencing)

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ATGGGGTATGATGTAACCCGTTTCCAGGGGATGTTGACGAAGATCTTATCTGCCCTATT
TGCAGTGGAGTCTTGGAGGAGCCAGTACAGGCACCTCATTGTGAACATGCTTTCTGCAAC
GCCTGCATCACCCAGTGGTTCTCTCAGCAACAGACATGTCCAGTGGACCGTAGTGTGTG
ACGGTCGCCCATCTGCGCCAGTACCTCGGATCATGCGGAACATGTTGTCAAAGCTGCAG
ATTGCCTGTGACAACGCTGTGTTCCGGCTGTAGTGCCGTTGTCCGGCTTGACAACCTCATG
TCTCACCTCAGCGACTGTGAGCACAACCCGAAGCGGCCTGTGACCTGTGAACAGGGCTGT
GGCCTGGAGATGCCCAAAGATGAGCTGCCCAACCATAACTGCATTAAGCACCTGCGCTCA
GTGGTACAGCAGCAGACACGCATCGCAGAGCTGGAGAAGACGTCAGCTGAACACAAA
CACCAGCTGGCGGAGCAGAAGCGAGACATCCAGCTGCTAAAGGCATACATGCGTGCAATC
CGCAGTGTCAACCCCAACCTTCAGAACCTGGAGGAGACAATTGAATACAACGAGATCCTA
GAGTGGGTGAACCTCCCTTCAGCCAGCAAGAGTGACCCGCTGGGGAGGGATGATCTCGACT
CCTGATGCTGTGCTCCAGGCTGTAATCAAGCGCTCCCTGGTGGAGAGTGGCTGTCCTGCT
TCTATTGTCAACGAGCTGATTGAAAATGCCACGAGCGTAGTGGCCCCAGGGTCTGGCC
ACACTAGAGACTAGACAGATGAACCGACGCTACTATGAGAACTACGTGGCCAAGCGCATC
CCTGGCAAGCAGGCTGTTGTCGTGATGGCCTGTGAGAACCAGCACATGGGGGATGACATG
GTGCAAGAGCCAGGCCTTGTGATGATATTTGCGCATGGCGTGAAGAGATATAA
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Clone variation with respect to NM_005785.3



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_005785 unedited
 NGGTCAAATTTGTATACGACTCTATAGGCGGCCGGAATTCGCCGGGGCGGGGCAAAG
 GATCCGCTCTGAGGCGGCGACGAGTGAGTACTCCTGATTGTGACATCACATTCATCCCCTG
 GGCATGGAGCTTGTCACTGGGAAGGAATACTCAGTCGGAGAATAGCCAACAAGATGGGT
 TACTGGGAGAATCTTTCAGTGGCACTGAGTGGAGGCATCAGGGGGTTGGAGCCTTGTGA
 ACAGGGAACTGCCCAACACTTGAAGGACCTGGGTTTCAGTGATGAGACATGGGGT
 ATGATGTAACCCGTTCCAGGGGATGTTGACGAAGATCTTATCTGCCCTATTTGCAGTG
 GAGTCTTGGAGGAGCCAGTACAGGCACCTCATTGTGAACATGCTTTCTGCAACGCCTGCA
 TCAACCCAGTGGTTCTCTCAGCAACAGACATGTCCAGTGGACCGTAGTGTTGTGACGGTCG
 CCCATCTGCGCCAGTACCTCGGATCATGCGGAACATGTTGTCAAAGCTGCAGATTGCCCT
 GTGACAACGCTGTGTTCCGGCTGTAGTGCCGTTGTCCGGCTTGACAACCTCATGTCTACC
 TCAGCGACTGTGAGCACAACCCGAAGCGGCCTGTGACCTGTGAACAGGGCTGTGGCCTGG
 AGATGCCCAAAGATGAGCTGCCCAACCATAACTGCATTAAGCACCTGCGCTCAGTGGTAC
 AGCAGCAGCAGACACGCATCGCAGAGCTGGAGAAGACGTCAGCTGAACACANACACCAGC
 TGGCGGAGCAGAAGCGAGACATCCAGCTGCTAAAGGCATACATGCGTGCNATCCGCAGTG
 TCAACCCACCTTCAGACCCTGGNAGAGACATTGATACCACGAGATCCTANAGTGGGTGA
 ACTCCCTTCANANNAGATGACCGCG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_005785 unedited
 TGTACGCGCCGCATCTATATCGAGTTTTTTTTTTTTTTTTTTTTTTTATAGAGATTGAGTAAA
 AGGTTTATTATTAGTGCAGTCAACACCATGGAACAGCACATAACAACAACCAGCAACCT
 GCAGAGACTAGTGCAAAGGTAGGGAAGCCTTTCAGTACTGCTTCTGGCTCCATCTGA
 GGGTAAGGACAGGACAGTATGAGCCTTGGTTAAGGCAGGTAGGGGAAAGGGGAGTGAAG
 AAATGTAGTAACCAGAGTAAGTATAGCAGCGTTTTCAAATTCCTGAGCACAATGTCCAG
 AGCTGGAACCTACTCCCTCAAGCTTTCACCCCAATCCAGTGGAGCCATGATCCAAC
 TACCCAGACCTGCAGCAAGCTAGCCTGGAATAAAATTCTGAGAGGAAGCCATTACATGGT
 GGGGAGGAGCCTTCTATCTCCAACCACTCCCACCTCCATATTAATAATCACACCT
 ATTATCTCTCCCCTTCTTACTCTGCCAGTACTCTAGGGATCAAGGTATACCCAGGT
 AACCTGAAATGGAAGTGAAGTCCCAGGGGGTGTGGGTGAGACACGGCACAGCCTGTAC
 TTAGAGATAAAATTTCTGATTTGCATGGNGAAGCTTAGAACCCAGCTATACAGCTNCAAG
 GAAACTTGGGGAATGGGGAGTTGCCTTCAAATGAATACTCTAAATCCAGAGTTTTATG
 ATAAAGCCTGGAAAGGCTAGGAGGAAATTTTTCCAGAGGGCACAAAGCTTCGATGCTGGA
 CTGTCATATCCTTACAGAAGAGAGAAGCTCCTCATTAGTTGGGTTACACGAGTTTGGG
 CAAATTCGTAAGTTAGCCGAGACTCCTTGGCTTTTCATATTAAGCCAAGGTGGCTGAAAG
 GAAATTAACACCCCATCCTGTCAACCTTCAACCCCATAGGAACTAAAAAAGTCA
 GTGGATTTTTCTTTT

Restriction Sites:

NotI-NotI

ACCN:

NM_005785

Insert Size:

3220 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:	<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:	NM_005785.2 , NP_005776.1
RefSeq Size:	3286 bp
RefSeq ORF:	954 bp
Locus ID:	10193
UniProt ID:	Q9H4P4
Cytogenetics:	12q13.3
Domains:	RING
Protein Pathways:	Endocytosis
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (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.</p>