

Product datasheet for **RG217918**

RNF41 (NM_005785) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RNF41 (NM_005785) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	RNF41
Synonyms:	FLRF; NRDP1; SBB103
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG217918 representing NM_005785 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGTATGATGTAACCCGTTTCCAGGGGGATGTTGACGAAGATCTTATCTGCCCTATTTGCAGTGGAG
TCTTGGAGGAGCCAGTACAGGCACCTCATTGTGAACATGCTTTCTGCAACGCCTGCATCACCCAGTGTT
CTCTCAGCAACAGACATGTCCAGTGGACCGTAGTGTGTGACGGTCGCCCATCTGCGCCAGTACCTCGG
ATCATGCGGAACATGTTGTCAAAGCTGCAGATTGCTGTGACAACGCTGTGTTCCGGCTGTAGTCCGTTG
TCCGGCTTGACAACCTCATGTCTCACCTCAGCGACTGTGAGCACAACCCGAAGCGCCTGTGACCTGTGA
ACAGGGCTGTGGCCTGGAGATGCCCAAAGATGAGCTGCCCAACCATAACTGCATTAAGCACCTGCGCTCA
GTGGTACAGCAGCAGACACGCATCGCAGAGCTGGAGAAGACGTCAGCTGAACACAAACACAGCTGG
CGGAGCAGAAGCGAGACATCCAGCTGCTAAAGGCATACATGCGTGCAATCCGCAGTGTCAACCCCAACCT
TCAGAACCTGGAGGAGACAATTGAATACAACGAGATCCTAGAGTGGGTGAACTCCCTTACGCCAGCAAGA
GTGACCCGCTGGGGAGGGATGATCTCGACTCCTGATGTGTGCTCCAGGCTGTAATCAAGCGCTCCCTGG
TGGAGAGTGGCTGTCTGCTTCTATTGTCAACGAGCTGATTGAAAATGCCACGAGCGTAGCTGGCCCCA
GGTCTGGCCACACTAGAGACTAGACAGATGAACCGACGCTACTATGAGAACTACGTGCCAAGCGCATC
CCTGGCAAGCAGGCTGTTGTCGTGATGGCCTGTGAGAACCGACACATGGGGGATGACATGGTGAAGAGC
CAGGCCTTGTCATGATATTTGCGCATGGCGTGAAGAGATA

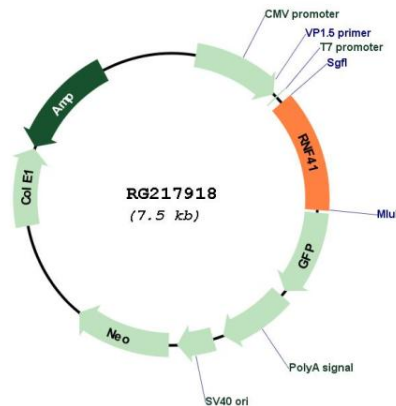
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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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_005785.4</u>
RefSeq Size:	3286 bp
RefSeq ORF:	954 bp
Locus ID:	10193
UniProt ID:	<u>Q9H4P4</u>
Cytogenetics:	12q13.3
Domains:	RING
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]

Product images:



Circular map for RG217918