

Product datasheet for **RN209923**

Rfng (NM_021849) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rfng (NM_021849) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rfng
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN209923 representing NM_021849 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGAGCCGTGTGCGGCGAGTGTGTGCCGGCCTGCCTCGCGCTGGCCGGTCTCTGGCTGTGTTGCTGC
TACTACCGTGCCTACCCTACCCTACCCTGCCGCTGCCGCTCCCGCACCAGACCCAGGTCGTGTCCC
GACCGGAGCCTGACCCTCGAGGCTCCCGCTGCAACCGGACGAGCTTCATTGCAGTCAAGACCCT
CGGAAGAACCACGGCCCGCCTGCGCCTGCTGTTGCGTACCTGGATCTCACGAGCCCCACGGCAGACGT
TCATTTTACCGATGGAGACGACCTGAGCTCCAGCTGCTGGCAGGCAGCCAAATGATCAACACCAATTG
TTCCGCTGTGCGAACCCGCCAGGCGCTGTGCTGAAGATGTCAGTGGAGTATGACAAGTTCATAGAGTCT
GGACGGAATGGTTCTGCCACGTGGATGATGACAACTACGTGAACCCAAAAGCCTGCTGCACCTGCTTT
CCACCTTCTCTTCAACCAGGACATCTACCTGGGGCGACCTAGTCTGGACCACCCATCGAAGCCACAGA
GAGGGTCCAGGGCGTGGCACCTCAAACACAGTAAAATCTGGTTTGTACTGGTGGGGCTGGGTTCTGC
CTGAGCAGGGCCTTGCCTCAAATGAGCCCGTGGGCCAGCCTAGGCAGTTTCATGAGCACAGCAGAAC
GGTTTCGACTGCCTGACGACTGCACGGTGGGATACATTGTGGAAGGGCTCCTGGGTGCCCTGCTGTTCA
TAGCCCCCTGTTCCACTCCACCTGGAGAACTGCAGAAGCTGCCATCTGGTGTCTTTCGAGCAGGTT
ACCCTGAGCTATGGGGTCTGAGAACCAGCACACGTGGTGAATGTAGCTGGAAGTTTCAGCATTTCGAC
AGGACCTACACGGTTTCAGTCACTGACTGCCTTCTCTACCCAGACACCCACTGGTGTCTATGAAAAA
CAGGGTAAGGAAGCTTTTCAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_021849
Insert Size:	1005 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).
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_021849.1 , NP_068621.1
RefSeq Size:	1005 bp
RefSeq ORF:	1005 bp
Locus ID:	60433
UniProt ID:	Q9R1U9
Cytogenetics:	10q32.3
Gene Summary:	inhibits Notch effector Hes1 mRNA expression; may inhibit Notch signaling in postmitotic neurons [RGD, Feb 2006]