

Product datasheet for **RN211693**

Rufy1 (NM_001100727) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rufy1 (NM_001100727) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rufy1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF:

>RN211693 representing NM_001100727

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

 ATGGCCGCCCGCGGAGACTGCCCGCGGGCGGGCAGGATTCGGAGCCGGAGCCGAAGCCGGAGCCCCGAGT
 CGCGGCCGGAGCCTGGGCTCCAAGCAGGCCTAGAGTCCGGGGAAGAGTTCGAGATCGTGGACCGGAGCCA
 GCTGCCAAGCCCCGCGAGCTGCGGAGCGCTCGCGGACTCGAGCGGCCGAAAGTGGTCGGCGCCCATC
 CTGACGCTGGCGCGCAGAGCCACCGGAACTGTGCGGAGCTGCGGCAGCGCGTGCAGCGGCCCGCGG
 GGCTGGGAGACGGCGCGCGCGGGGAGCGCGCAGCTTCCAAGGCCAGATGATGGAGGAGCGTGC
 CAACCTAATGCACATGATGAACTCAGCATTAAAGTCTTACTCCAGTCTGCCCTGAGCCTGGGACGAGC
 CTGGATGCAGACCATGCTCCCTACAGCAGTCTTTGTAGTGATGGAGCATTGCCTCAAGCATGGGCTAA
 AAGTCAAGAAGAGTTTCATTGGCCAAAATAATCTTTCTTTGGTCTTTGGAGCTGGTGGAAAACTTTG
 CCCTGAAGCATCAGATATAGCTACCAAGTGTGAGGAATCTCCAGAACTAAAGACAGCCGTGGGAAGAGGC
 AGAGCGTGGCTTTATCTTGCTCTCATGCAAAAGAACTGGCAGATTATCTGAAAGTCTCATAGACAACA
 AGCATCTCCTAAGTGAGTCTATGAGCCTGAGGCCTTAATGATGGAGGAGGAAGGAATGGTGATTGTCGG
 TCTGCTGGTGGGCTCAACGTTCTGGACGCAATCTCTGCTTAAAGGGAGAAGACCTGGATTCTCAGGTC
 GGAGTGATTGACTTTCCCTCTATCTGAAGGACGTGCAGGATCTTGACAGCGGCAGAGAGCATGAAAGAA
 TTACCGATGTCCTTGATCAGAAAAATTACGTGGAGGAACCTAACCGGCACTTAAGCTGCACAGTTGGGGA
 TCTTCAAACCAAGATAGATGGCTTGGAAAAGACGAACTCAAAGCTTCAAGAAGAGCTTTCAGCTGCAACA
 GACCGAATTTGTTCCCTACAAGAAGAACAGCAGCAGCTAAGAGAACAGAAATGAATTAATTCGAGAAAGAA
 GCGAGAAGAGTGTGGAGATAACAAAACAGGACACCAAAGTTGAACTGGAGACTTAAAGCAGACCCGGCA
 GGGCCTGGATGAAATGTACAGCGATGTGTGAAAACAGCTGAAGGAGGAGAAGAAAGTCCGACTGGAACTA
 GAAAAGGAACTGGAGTTACAGATTGGAATGAAGACCGAGATGGAATCGCCATGAAGTTACTGGAGAAGG
 ACACCCATGAGAAGCAGGACACACTCGTTGCCCTCCGCCAGCAGCTGGAAGAAAGTCAAAGCAATTAATTT
 ACAGATGTTTCACAAAGTTCAGAGTGCAGAGAGCAGTTTACAGCAGAAGGATGAAGCCATTGCATCTTTT
 GAAGGAAAAACCCCAAGTGATGTCCAGCATGAAACAAATGGAGGAAAGGTTACAGCAGGCTGAGCGGG
 CCAGGCAAGGGGAGAAGAGAGGAGCTACAAGCTGCAGCAGGAGCTCAGCGGGAGGGTCAGTGCCCTGCA
 GCTGCAGCTGTCCAGCTGCGGGACCAATGCTCAGGTCTAGAGAAAGAACTGAAGTCAGAAAAAGAACAA
 AGACAAACTCTTCAGAGAGAACTACAGCATGAGAAAGACACCTCCTGTCTGCTGCAGACAGAGCTGCAGC
 AAGTGGAAGGCCCTGAAGAAGGAGCTTCGGGAGCTCCAAGACGAGAAGGCAGAGTTGCGGAAGGTCTGTGA
 GGAACAGGAGCAAGCCCTCCAGGAAATGGGACTGCACCTTAGCCAGTCCAACTGAAGATGGAGGACATC
 AAGGAAGTAAACAAGGCTCTGAAGGGCCACACATGGTTGAAAGATGATGAGGCAACACATTGTAAGCAGT
 GTGAGAAGGACTTCTCCATTTCCCGGAGGAAGCACCCTGCCGGAAGTGTGGCCACATTTCTGCAACAC
 CTGCTCTAGCAACGAGCTGGCTCTGCCCTCCTACCCTAAGCCAGTGCGTGTGTGTGACAGCTGCCATACC
 CTGCTACTGCAGCGCTGCTCTTCCACAGCCTCC**TGA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001100727

Insert Size:

2136 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:	<u>NM_001100727.1, NP_001094197.1</u>
RefSeq Size:	2666 bp
RefSeq ORF:	2136 bp
Locus ID:	360521
Cytogenetics:	10q22