

Product datasheet for **RN202694**

LOC257642 (NM_147136) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LOC257642 (NM_147136) Rat Untagged Clone
Tag:	Tag Free
Symbol:	LOC257642
Synonyms:	ribin
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN202694 representing NM_147136 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGGGGTGGAGCGAGGCCCGCGGGGAGGGACCCGCGCCGGCACCCGCGGGCTCCCCGGGAGCGG
CCGCGACGCCCGCGAGCTGAGGCGATCCACGGGAAGGGCCCGGCTCGCGTCCAGAGTCGCCGCCGCCG
CCGGCCCCCGAGTGTCCGGGCCCGGCCACCGGGGGCCCGCTGGTTCTCCCGTCCGGAACCCC
CGCGGGTTGGACCCGCGCCCGGAGCCCGCGCGCGCGCCGACCCCGACCCGCCCGGACGGGAAG
AAGGAGGGGGAAGAGAGGTGGCGACGACGCGGGGACGACGGGGCCCCGCGGGAAGAGGGGAGGGCGG
GCCCGGGCGAAAGGACGGGGGTCTCCCGGACGTGGGAGAGGGCGGCGCGCTCGTCCAGCCGCGGC
GCGCGCCAGCCCGCTTCGCGCCCCAGCCGACCGACCCAGCCCTTAGAGCCAATCCTTATCCCGAAGT
TACGGATCCGGCTTGCCGACTTCCCTTACCTACATTGTTCCAACATGCCAGAGGCTGTTACCTTGGAGA
CCTGCTGCGGATATGGGTACGGCCCGGCGGAGATTTACACCTCTCCCCGGATTTTCAAGGGCCAGCG
AGAGCTCACCGGACGCCCGGAACCGGACGCTTCCAAGGCACGGGCCCTCTCTCGGGGCGAACCCA
TTCCAGGGCGCCTGCCCTTCAAAAGAAAAGAGAACTCTCCCGGGGCTCCCGCGGCTTCTCCGGGAT
CGGTCGGTTACCGACTGGACGCTCGCGCGCCCATCTCCGCCACTCCGGATTCGGAGATCTGAACCC
GACTCCCTTCGATCGGCCGAGCCTCTGTCAAGTCTTGACCAAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_147136
Insert Size:	888 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:	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_147136.1</u> , <u>NP_671477.1</u>
RefSeq Size:	1038 bp
RefSeq ORF:	888 bp
Locus ID:	257642
Cytogenetics:	6q14
Gene Summary:	protein that binds to rRNA promoter sequence and rRNA transcription factors; induces rRNA synthesis and may regulate cell proliferation [RGD, Feb 2006]