

Product datasheet for MC224520

Rrbp1 (NM_024281) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rrbp1 (NM_024281) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rrbp1
Synonyms:	1700087N07Rik; 5730465C04Rik; ES/130; mKIAA1398; mRRp0; mRRp1.8; mRRp10; mRRp15a; mRRp15b
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC224520 representing NM_024281 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGATATCTACGACACTCAGACCTTGGGGTTGTGGTCTTTGGCGGTTTATGGTTGTTTCTGCCATCG
GCATCTTCTGGTGTCAACCTTCTCCATGAAGGAGACGTCGTATGAAGAAGCCCTTGCCAACCAGCGCAA
GGAGATGGCGAAAACCTACCACCAGAAAGGAGAGAAGAAAAGAAGGAGAAAACCGTGGAGAAGAAAGGA
AAGACCAAGAAAAGGAAGAGAAACCTAATGGGAAGATACCTGAACATGACCTGGATCCCAACGTGACCA
TCATCCTCAAGGAACAGTGCCTGTATCCGCTGTGGCTGTGGCTCCAACCTCAGTCCATTCTTGTGGG
CCATACCCCTATAGCCACAGTACCAGCCATGCCTCAGGAAAAGCTGGCTTCTCCCTAAGGACAGAAAAG
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TAAGGCCAGTTCTCTGCCACCAGCAGTCAGGGCAAGAAGGGACAGGGAGCCAGAACCAGGCCAAGAAG
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GGCCAAGAAGGGGAAGGAGGCCAGAACCAGGCCAAGAAGGGGAGGGGGCCAGAACCAAGGCAAGAAG
GGAGAGGGGGCCAGAACCAAGGCAAGAAGGGGAGGGAGCCAGAACCAGGCTAAGAAGGGGAGGGGG
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GTCCAAGAAAGGAGAGGGGGCTCAGAACCAGGCCAAGAAGGGGAAGGGGCCAAAAACCAGGCCAAGAAG
GGAGAGGGGGCTCAGAACCAGGCCAAGAAGGGGAGGGAGCCAGAACCAAGCTAAGAAGGGGAGGGGG
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AAGGGAGAGGGGGCCAGAACCAAGGCAAGAAGGGAGAGGGGGCCAAAACCAAGGCAAGAAGGGAGAGG
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 CCAGGGCAAGAAAGGAGAGGGGGCCAGAACCAGGGCAAGAAAGGAGAGGGGGCCAGAACCAGGGCAAA
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 AGCTCAAGGAGGCCAGGGCGGAGAACTCACAGCTCACAGAGAGGATCCGTTCATCGAAGCCCTCTGGAA
 AGCAGGCCAGGCCAAGACACCCAGGCCAGCCAGCTGAGGCCAACCAGCAGCAGACTCGTCTCAAGGAG
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 TGAGGAGAAGCTGCGTTCCTAACCCAGGCCAAGGAGGAGTCAGAAAAGCAGCTGCACCTGGCTGAGGCC
 CAGACCAAGGAGACCCTGCTGGCCTTGTTCGGGGCTCTCTATCTCAGCACACCAGAAGTATGCCGAGT
 GGCTACAGGAATTCAAAGAGAAGGGCTCTGAGCTGCTGAAGAAACCACCTACCCTAGAGCCCTCCATGGA
 CATAGTCTTGAAGTTGAGGGAAGCTGAGGAGACCCAAAAGTCTTGCAGGCTGAGTGTACCAGTACCGC
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 GGAAGGCCAAGGTGGGAGCTGCTGAGGAGGAGCTGCACAAGTACGGGTACAGTGAACATCTAGAAGA
 CATTGTGGAGAAGCTAAAAGGAGAACTTGAAGCTCAGATCAGGTAAAGGAGCACACATCACATCTGGAA
 GCGGAGCTGGAGAAGCACATGGCAGCGGCCAGTGCAGAGTGTGAGAAATTATGCCAAGGAGGTGGCAGGGT
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 TGAGCTTGCCCTGGTCAGGCAGCAGTTGAGTGACATGAGGAGCCACGTAGAGGATGGTGCAGTGGCTGGG
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 CCCTGGAGGCTGAGCAGACACGGCGCAGAAGCTCACAGCTGAGTTTGAAGAGGCTCAACGCACAGCGTG
 TCGGATACAAGAAGAGCTGGAGAAAAGTCCGTGCTGGCCCCCTGGAGTCGTGAGGAAAAGAAGAGATG
 ACACAGCTGAAGGAGAGACTAGAAAAGAGAAGAGGTTAACAAAGTACCTGGGCCGTGCTGCCATCAAAC
 TTCAGGAGCTGTTGAAGACAACCCAGGAGCAGCTGACGAAAAGAGAAGGACACAGTGAAGAAGTTACAAGA
 ACAACTGGGAAAAGCAGAGGATGGTAGCAGCTCAAAGGAGGGAACCTCTGTGA

ACGGCTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_024281
Insert Size: 4395 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:	<u>NM_024281.2</u> , <u>NP_077243.2</u>
RefSeq Size:	5193 bp
RefSeq ORF:	4395 bp
Locus ID:	81910
UniProt ID:	<u>Q99PL5</u>
Cytogenetics:	2 G1
Gene Summary:	Acts as a ribosome receptor and mediates interaction between the ribosome and the endoplasmic reticulum membrane.[UniProtKB/Swiss-Prot Function]