

## Product datasheet for **RN211128**

### **Mvp (NM\_022715) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Mvp (NM_022715) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mvp
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN211128 representing NM\_022715  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCAACTGAAGAGGCCATCATCCGCATCCCCCATACCACTACATCCATGTGCTGGACCAGAACAGTA  
 ATGTGTCCCGTGTGGAGGTTGGACCAAAGACCTACATCCGGCAGGACAATGAGAGGGTACTGTTTGCCCC  
 AGTTCGCATGGTGACCGTCCCCCACGCCACTACTGCATAGTGGCCAACCCTGTGTCCCGGGACACCCAG  
 AGTTCTGTGTTATTTGACATCACAGGACAAGTCCGACTCCGGCACGCTGACCAGGAGATCCGACTAGCCC  
 AGGACCCCTTCCCCTGTATCCAGGGGAGGTGCTGGAAAAGGACATACCCCACTGCAGGTGTTTCTGCC  
 CAACACAGCACTGCATCTTAAGGCGTTGCTGGACTTTGAGGATAAGAATGGAGACAAGGTCATGGCAGGA  
 GACGAGTGGCTATTTGAGGGACCTGGCACCTACATCCACAGAAGGAAGTGAAGTCGTGGAGATCATT  
 AGGCCACAGTCATCAAACAGAACCAAGCACTGCGGCTAAGGGCCCGAAAGGAGTGTCTTGACCGGGAGGG  
 CAAGGGGCGCGTGACAGGTGAGGAGTGGCTGGTCCGATCCGTGGGGGCTTACCTCCAGCTGTCTTTGAA  
 GAGGTGCTGGATCTGGTGGATGCTGTGATCCTTACAGAAAAGACTGCCCTGCACCTCCGGGCTCTGCAGA  
 ACTTCAGGGACCTTCGGGGAGTGTCCACCCGACCCGGGGAGGAATGGTTAGTGACAGTGCAGGACACAGA  
 AGCCCATGTTCCAGATGTCTATGAGGAGGTGCTTGGGGTGTAGTACCCATCACCCACCTGGGACCTCGACAC  
 TACTGTGTCACTTTGACCCAAATGGGACCAGACGGCAAGAACCAGCTGGGACAAAAGCGTGTGTCAAGG  
 GAGAGAAGTCTTTTTCTCCAGCCAGGAGAGAGGCTGGAGCGAGGCATCCAGGATGTGTATGTGCTGTC  
 AGAGCAGCAGGGGCTGCTACTGAAGGCACTGCAGCCCCGGAGGAGGGAGAGAGCGAGGAGAAGGTCTCC  
 CATCAGGCCGAGACTGCTGGCTCATCCGTGGGCCCTGGAGTATGTGCCATCTGCAAAAAGTGGAGGTGG  
 TGGAGGACGCTCAGGCTATCCCTCTGGACCAAAATGAGGGCATCTATGTGCAGGATGTCAAGACGGGGAA  
 GGTGCGGGCTGTGATTGGAAGCACCTACATGCTGACTCAGGATGAAGTCCCTGTGGGAAAAGGAGCTGCCT  
 TCTGGGGTGGAGGAGCTGCTGAACCTGGGGCATGACCCTCTGGCAGACAGGGGTGAGAAGGGCACAGCCA  
 AGCCCCCTCAGCCCTCAGCTCCAAGGAACAAGACCCGAGTGGTACGCTACCGTGTCCCGCACAATGCAGC  
 GGTGCAGGTCTATGACTACAGAGCCAAGAGAGCCCGTGTGGTCTTTGGGCCGAGCTAGTGACACTGGAT  
 CCTGAGGAGCAGTTCACAGTATTGTCCCTTTCTGCCGGGCGACCCAAGCGTCTCATGCCCGCCGTGCAC  
 TCTGCCTACTGCTGGACCTGATTTCTTTACTGATGTCATCACCATCGAAACTGCAGATCATGCCAGTT  
 GCAGCTGCAGCTGCCTACAACGGCACTTTGAACTGAAGAACCAGGAATGACCCTGCAGAGGCAGCCAAG  
 CTTTTCTCCGTGCCTGACTTCGTGGGTGACGCCCTGCAAGGCCATTGCATCCCGAGTCCGGGGGGCTGTAG  
 CCTCTGTACCTTTGATGACTTCCATAAAAACCTCAGCCCGGATCATTGCAATGGCTGTTTTTGGCTTTGA  
 GATGTCTGAAGACACAGGTCTGATGGCACACTCTGCCCAAGGCTCGAGACCAGGCAGTCTTTCCCAA  
 AACGGGCTGGTAGTCAGCAGTGTGGATGTGCAGTCAGTGGAGCCCGTGGACCAGAGGACCCGGGATGCC  
 TTCAGCGCAGCGTTCAGCTGGCCATCGAAATTACCACCAACTCCCAGGAGGCAGCAGCCAAGCACAGGGC  
 TCAGAGACTGGAACAGGAAGCCCGTGGTCCGCTTGAGAGGCAGAAGATCTTGACCAGTCAGAAGCTGAA  
 AAAGCCCAGCAAGGAACTTTGGAGCTTGAGGCTATGAGCATGGCTGTGGAGAGCACGGTAATGCCAAAG  
 CAGAGGCTGAGTCCCGTGCAGAGGCAGCAGGATCGAAGGAGAAGGCTCTGTGCTGCAGGCCAAGCTCAA  
 GGCACAGGCGCTAGCCATTGAGACGGAGGCTGAGTTGGAGCGAGTAAAGAAAGTACGAGAGATGGAAGT  
 ATCTATGCCCGGGCCAGTTGGAGCTGGAGGTGAGCAAGGCGCAGCAGCTTGCCAATGTGGAGGCAAGA  
 AGTTCAAGGAGATGACAGAGGCACTGGGCCCGCACCATCAGGGACCTGGCTGTGGCCGGGCCAGAGAT  
 GCAGGTGAAAATTCTCCAGTCCCTGGGCCTGAAATCCACTCTCATCACCAGTGGCTCGTCTCCCATCAAC  
 CTCTTCAGCACAGCCTTCGGGTTGCTGGGGCTGGGGTCTGATGGTCAGCCGCCAGCACAGAAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_022715  
**Insert Size:** 2586 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_022715.2</a> , <a href="#">NP_073206.2</a>
<b>RefSeq Size:</b>	2757 bp
<b>RefSeq ORF:</b>	2586 bp
<b>Locus ID:</b>	64681
<b>UniProt ID:</b>	<a href="#">Q62667</a>
<b>Cytogenetics:</b>	1q37
<b>Gene Summary:</b>	member of a large cytosolic ribonucleoprotein particle; may play a role in vault function [RGD, Feb 2006]