

## Product datasheet for RN211539

### Prelp (NM\_053385) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Prelp (NM\_053385) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Prelp  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN211539 representing NM\_053385  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGAGGGCATCCTTCTTCTGGTTCCTTCCACTTCTCCTCATCTTGGCCTCAGTGGCCCAAGGCCAGCCAA  
 GACCAAAACCTGGGATTAGGCGTAAACCCAAGCCAAGGCCACACCCAGCTTTTCTCAGCCCCACGAGCC  
 AGCAGAGCCACAGACCTGCCTCCACCCCTTCTCCTGGCCCTCCATCTGTCTTCCCTGACTGTCCACGG  
 GAATGCTACTGCCCGCCTGACTTCCCATCAGCCCTCTACTGTGACAGCCGAAACCTTCGCAAGGTCCCAA  
 TCATCCCACCCGAATCACTACCTTTTCTGCAGAACAACCTTATCACCAGACTCCCCGTAGAATCTTT  
 CAAAAATGCCACAGGCTCAGGTGGATCAACCTGGACAACAACCGCATTGCAAGGTGGACCAGAGAGTG  
 CTGGAGAAGCTCCCTGGCCTGGCATTCTCTACATGGACAAGAACCAGCTGGAAGAGGTGCCATCAGCTC  
 TGCCCCGGAACCTGGAACAGCTGAGGCTAAGCCAGAACCCTCATCTCCAGGATCCC GCCCGGAGTATTCAG  
 CAAGCTTGAGAACCTTCTGCTTCTGGATCTGCAGCACAATAGGCTGAGCGACGGAGTCTTCAAAGCCGAC  
 ACCTTCCAGGGCCTCAAGAACCTCATGCAACTCAATCTGGCCACAACATCCTGAGAAGGATGCCCCCA  
 AGGTGCCCGGCCATTACCAGCTCTACCTGGACAGCAATAAGATCGAGACCATTCCCAGCGGATACTT  
 CAAGGACTTCCCCAACCTTGCCCTCATCCGCATGAACTACAACAAGCTGTGCGATCGAGGGCTCCCCAAG  
 AACTCCTTCAACATCTCCAATTGCTGGTGTCTCACTTGTACACAACAAGATCAGCAATGTGCCGGCCA  
 TCAGCAACAAGCTGGAACACCTGTACCTCAACAACAATAGCATAGAGAAGATCAATGGGACCCAGATTTG  
 CCCCAGCAACCTAGTGGCCTTCCATGACTTCTCCTCGGATCTGGAAAACGTGCCACACCTGCGCTACCTG  
 CGGCTGGATGGGAATTTCTGAAGCCACCCATCCCGTTGGACCTCATGATGTGCTTCCGCTCCTGCAGT  
 CTGTGGTTATCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_053385



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<b>Insert Size:</b>	1134 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>	<u><a href="#">NM_053385.1</a></u> , <u><a href="#">NP_445837.1</a></u>
<b>RefSeq Size:</b>	1446 bp
<b>RefSeq ORF:</b>	1134 bp
<b>Locus ID:</b>	84400
<b>UniProt ID:</b>	<u><a href="#">Q9EQP5</a></u>
<b>Cytogenetics:</b>	13q13
<b>Gene Summary:</b>	binds heparin; may link cell surface proteoglycans to the extracellular matrix [RGD, Feb 2006]