

Product datasheet for **SC313970**

ROD1 (PTBP3) (NM_005156) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ROD1 (PTBP3) (NM_005156) Human Untagged Clone
Tag:	Tag Free
Symbol:	ROD1
Synonyms:	ROD1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF sequence for NM_005156 edited
 ATGGATGGTGTGTTACAGATCTTATAACAGTCGGTTTAAAGCGGGGATCTGATGAGCTT
 CTTTCTTCTGGCATCATTAACGGACCTTTTACCATGAATAGTTCTACTCCTTCTACAGCT
 AATGGGAATGACAGCAAGAAATTTAAACGAGATAGACCTCCCTGTTCCGCTTCCCCTGTT
 CTCCATCTTCGAAAAATCCATGTGATGTCACCGAAGCAGAGATCATATCATTAGGTCTA
 CCATTTGGCAAAGTAACTAATCTTTTGTGTTGAAAGGAAAAAGCCAGGCTTTCTTAGAA
 ATGGCTTCTGAGGAAGTGCCTTACTATGGTGAATTATTACACTCCTATTACTCCTCAC
 CTTCGAAGCCAGCTGTTTATATTCAAGTATTCCAATCACAGAGAAGTAAAGACTGACAAT
 CTACCTAATCAAGCTCGAGCCCAAGCTGCACTGCAGGCTGTCAAGTCCCAATCAGGA
 AGCCTGGCCCTTCTGGAGGTCCTTCCAATGAAGGCACAGTCTACCTGGGCAGAGCCCT
 GTGCTTCAATAATTATTGAAAACCTCTTTTACCCTGTTACCCTGGAAGTTCTTCATCAG
 ATATTTTCTAAATTTGGCACAGTCTTGAAGATTACACCTTTACAAGAATAATCAGTTT
 CAAGCCTTGCTTCAGTATGCTGACCCAGTAAATGCACATTATGCCAAAATGGCTCTGGAT
 GGCCAGAATATCTATAATGCATGCTGCACTCTGCGCATTGACTTCTCCAAGCTCACCAGC
 CTTAATGTGAAATATAAATGACAAAAGCAGAGACTTCACTCGCTTAGACCTTCTACT
 GGTGATGGCCAGCCATCCCTTGAACCCCTATGGCTGCTGCTTTTGGTGCACCGGTATA
 ATTTCTTACCATATGCAGGGGCTGCTGGATTTGCCCCAGCCATTGGATTTCTCAAGCT
 ACAGGTCTATCAGTTCAGCTGTTCTGGAGCTTGGTCTCTCACAATCACCTCTTCT
 GCTGTCACTGGAAGGATGGCCATTCTGGGGCTAGTGGTATACCAGGAAATCTGTTCTA
 CTCGTCACAAATCTCAATCCTGATCTTATCACACCACATGGGCTTTTATCCTATTTGGA
 GTCTATGGTGATGACATCGAGTGAAGATTATGTTTAAAGAAAAGAAAATGCCTTGTT
 CAGATGGCGGATGCAAAATCAAGCTCAGCTAGCAATGAACCATCTAAGTGGTCAGAGACTT
 TATGGGAAAGTGCTTCGTGCTACACTGTCCAAACATCAAGCAGTACAGCTTCTCGAGAG
 GGACAAGAAGACCAAGGTCTGACTAAGGATTTTCAAGCAATAGTCCTTTGCATCGCTTTAAA
 AAGCCGGGCTCTAAAACTTCCAGAATATCTTTCCACCATCAGCCACTCTGCATCTTTCC
 AACATTCCCCTTCTGTTACAGTGGATGATCTGAAGAACCTTTTCATAGAAGCTGGATGT
 TCAGTGAAGGCTTTTAAATCTTTTCAAGAAAGATCGCAAAATGGCGCTCATTCAATTGGGA
 TCTGTGGAAGAAGCAATTCAGGCCCTCATTGAGCTTCATAACCATGACCTTGAGAAAAAT
 CACCACCTCAGAGTTTCTTCTCAAAATCTACAATCTGA

Restriction Sites: Please inquire

ACCN: NM_005156

Insert Size: 1700 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).

OTI Annotation: The ORF of this clone has been fully sequenced and found to be a perfect match to NM_005156.3.

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:	NM_005156.3 , NP_005147.3
RefSeq Size:	2997 bp
RefSeq ORF:	1659 bp
Locus ID:	9991
UniProt ID:	O95758
Cytogenetics:	9q32
Domains:	RRM
Protein Families:	Druggable Genome
Gene Summary:	<p>The protein encoded by this gene binds RNA and is a regulator of cell differentiation. The encoded protein preferentially binds to poly(G) and poly(U) sequences in vitro. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]</p> <p>Transcript Variant: This variant (1) differs in the 5' UTR and coding sequence compared to variant 6. The resulting isoform (1) has a shorter and distinct N-terminus compared to isoform 6. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>