

## Product datasheet for **SC333031**

### PUF60 (NM\_001271096) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** PUF60 (NM\_001271096) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** PUF60  
**Synonyms:** FIR; RoBPI; SIAHBP1; VRJS  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC333031 representing NM\_001271096.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGCGACGGCGACCATAGCTCTCGTCAATGGCCAGCAAGGAGGGGGTCCGAGCCGGCGGGCGGGC
GCAGTGGTGGCAGCGGGAGACAAATGAAACCTCCACAGGGCACAGACTCCATCAAGATGGAGAACGGG
CAGAGCACAGCCCAAGCTGGGGCTGCCTCCCCTGACGCCCAGCAGCAGGAGGCCCTTCAGAAGGCC
AAGAAGTACGCCATGGAGCAGAGCATCAAGAGTGTGCTGGTGAAGCAGACCATCGCGCACCAGCAGCAG
CAGCTACCAACCTGCAGATGGCGGCTCAGCGGCAGCGGGCGCTGGCCATCATGTGCCGCTCTACGTG
GGCTCTACTACTATGAGCTGGGGGAGGACACCATCCGCCAGGCCCTTTGCCCCCTTTGGCCCATCAAG
AGCATCGACATGTCTGGGACTCCGTCAACATGAAGCACAAAGGGCTTTGCCTTCGTGGAGTATGAGGTC
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GGCAGACCCAGCAACATAGGGCAGGCCCAGCCCATCATAGACCAGTTGGCTGAGGAGGCACGGGCCCTTC
AACCGCATCTACGTGGCCTCTGTGCACCAGGACCTCTCAGACGATGACATCAAGAGCGTGTTTGAGGCC
TTTGGCAAGATCAAGTCTGCACACTGGCCCGGACCCCAACTGGCAAGCACAAAGGGCTACGGCTTC
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CAGTACTTGGGGTGGGCAAGGCTGTACACCCGCCATGCCCTACTCACACCAGCCACGCTGGAGGC
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AAACAAGCGGAGGAGGATGCAGAAATCATTGTCAAGATCTTTGTGGAGTTTTCCATAGCCTCTGAG
ACTCATAAGGCCATCCAGGCCCTCAATGGCCGCTGGTTTGTGGCCGCAAGGTGGTGGCTGAAGTGTAC
GACCAGGAGCGTTTTGATAACAGTGACCTCTCGCTGA
  
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**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001271096



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<b>Insert Size:</b>	1626 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_001271096.1</a></u>
<b>RefSeq Size:</b>	1894 bp
<b>RefSeq ORF:</b>	1626 bp
<b>Locus ID:</b>	22827
<b>UniProt ID:</b>	<u><a href="#">Q9UHX1</a></u>
<b>Cytogenetics:</b>	8q24.3
<b>Protein Pathways:</b>	Spliceosome
<b>MW:</b>	58 kDa
<b>Gene Summary:</b>	<p>This gene encodes a nucleic acid-binding protein that plays a role in a variety of nuclear processes, including pre-mRNA splicing and transcriptional regulation. The encoded protein forms a complex with the far upstream DNA element (FUSE) and FUSE-binding protein at the myelocytomatosis oncogene (MYC) promoter. This complex represses MYC transcription through the core-TFIID basal transcription factor. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Aug 2012]</p> <p>Transcript Variant: This variant (4) uses an alternate in-frame splice site and lacks an alternate exon in the coding region, compared to variant 1, but maintains the reading frame. The encoded isoform (d) is shorter than isoform a.</p>