

## Product datasheet for **SC333032**

### PUF60 (NM\_001271097) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** PUF60 (NM\_001271097) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** PUF60  
**Synonyms:** FIR; RoBPI; SIAHBP1; VRJS  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC333032 representing NM\_001271097.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGCGACGGCGACCATAGCTCTCGGCACAGACTCCATCAAGATGGAGAACGGGCAGAGCACAGCCGCC
AAGCTGGGGTGCCTCCCCTGACGCCGAGCAGGAGGCCCTT CAGAAGGCCAAGAAGTACGCCATG
GAGCAGAGCATCAAGAGTGTGCTGGTGAAGCAGACCATCGCGCACCAGCAGCAGCTACCAACCTG
CAGATGGCGGCTCAGCGGCAGCGGGCGCTGGCCATCATGTGCCGCTCTACGTGGGCTCTATCTACTAT
GAGCTGGGGGAGGACACCATCCGCCAGGCTTTGCCCTTTGGCCCATCAAGAGCATCGACATGTCC
TGGGACTCCGTACCATGAAGCACAAGGGCTTTGCCTTCGTGGAGTATGAGGTCCCCGAGCTGCACAG
CTGGCCTTGGAGCAGATGAACCTCGGTGATGCTGGGGGGCAGGAACATCAAGGTGGCAGACCCAGCAAC
ATAGGGCAGGCCAGCCATCATAGACCAGTTGGCTGAGGAGGCACGGGCCCTTCAACCGCATCTACGTG
GCCTCTGTGCACCAGGACCTCTCAGACGATGACATCAAGAGCGTGTTTGAGGCCCTTTGGCAAGATCAAG
TCCTGCACACTGGCCCGGACCCCAACTGGCAAGCACAAGGGCTACGGCTTCAATTGAGTACGAGAAG
GCCAGTCGTCCCAAGATGTGTGTCTTCCATGAACCTCTTTGACCTGGGTGGCCAGTACTTGGGGTG
GGCAAGGCTGTACACCGCCCATGCCCCACTCACACCAGCCACGCTGGAGGCCCTCCACCTGCCGCT
GCTGTGGCAGCTGCTGCAGCCACTGCCAAGATCACAGCTCAGGAAGCAGTGGCCGGAGCAGCGGTGCTG
GGTACCCTGGGCACACCTGGACTGGTGTCCCAGCACTGACCTGGCCAGCCCTGGGCACTTTGGCC
CAGGCTGTGATGGCTGCCAGGCACCTGGAGTCAACAGGTGTGACCCAGCCCGTCTCTATCCCG
GTCACCATCCCCTCGGTGGGAGTGGTGAACCCATCCTGGCCAGCCCTCAACGCTGGGTCTCTGGAG
CCCAAGAAGGAGAAGGAAGAAGAGGAGTGTTCCTCCGAGT CAGAGCGGCCAGAGATGCTGAGCGAGCAG
GAGCAGATGAGCATCTCGGGCAGTAGCGCCGACACATGGTGTG CAGAAGCTGCTCCGCAAGCAGGAG
TCTACAGTGTGGTTCTGCGCAACATGGTGGACCCCAAGGACATCGATGATGACCTGGAAGGGGAGGTG
ACAGAGGAGTGTGGCAAGTTCGGGGCCGTGAACCGGTCATCATCTACCAAGAGAAACAAGGCGAGGAG
GAGGATGCAGAAATCATTGTCAAGATCTTTGTGGAGTTTTCCATAGCCTCTGAGACTCATAAGGCCATC
CAGGCCCTCAATGGCCGCTGGTTTGTGCGCCGCAAGGTGGTGGCTGAAGTGTACGACCAGGAGCGTTTT
GATAACAGTGACCTCTCTGCGTGA
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**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001271097  
**Insert Size:** 1542 bp



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<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_001271097.1</a></u>
<b>RefSeq Size:</b>	1810 bp
<b>RefSeq ORF:</b>	1542 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>	55.4 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 (5, also known as FIRdeltaexon2) lacks two alternate in-frame exons in the coding region, compared to variant 1. The encoded isoform (e) is shorter than isoform a.</p>