

Product datasheet for **SC333034**

PUF60 (NM_001271099) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: PUF60 (NM_001271099) Human Untagged Clone
Tag: Tag Free
Symbol: PUF60
Synonyms: FIR; RoBPI; SIAHBP1; VRJS
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC333034 representing NM_001271099.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGCGACGGCGACCATAGCTCTCGGCACAGACTCCATCAAGATGGAGAACGGGCAGAGCACAGCCGCC
AAGCTGGGGCTGCCTCCCCTGACGCCGAGCAGGAGGCCCTT CAGAAGGCCAAGAAGTACGCCATG
GAGCAGAGCATCAAGAGTGTGCTGGTGAAGCAGACCATCGCGCACCAGCAGCAGCTACCAACCTG
CAGATGGCAGCAGTGACAATGGGCTTTGGAGATCCTCTCTCACCTTTGCAATCGATGGCGGCTCAGCGG
CAGCGGGCGCTGGCCATCATGTGCCGCTCTACGTGGGCTCTATCTACTATGAGCTGGGGGAGGACACC
ATCCGCCAGGCCCTTTGCCCTTTGGCCCCATCAAGAGCATCGACATGTCCTGGGACTCCGTACCATG
AAGCACAAAGGGCTTTGCCTTCGTGGAGTATGAGGTCCCCGAAGCTGCACAGCTGGCCTTGGAGCAGATG
AACTCGGTGATGCTGGGGGCAGGAACATCAAGGTGGGCAGACCCAGCAACATAGGGCAGGCCACGCC
ATCATAGACCAGTTGGCTGAGGAGGCACGGCCTTCAACCGCATCTACGTGGCCTCTGTGCACCAGGAC
CTCTCAGACGATGACATCAAGAGCGTGTGGAGCCTTTGGCAAGATCAAGTCTGCACACTGGCCCGG
GACCCCAACTGGCAAGCACAAGGGCTACGGCTTCATTGAGTACGAGAAGGCCAGTCTGCCAAGAT
GCTGTGCTTCCATGAACCTCTTTGACCTGGGTGGCCAGTACTTGCGGGTGGCAAGGCTGTCACACCG
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GCCACTGCCAAGATCACAGCTCAGGAAGCAGTGGCCGGAGCAGCGGTGCTGGTACCTGGGCACACCT
GGACTGGTGTCCCAGCACTGACCCTGGCCAGCCCTGGGCACTTTGCCCAAGGCTGTCATGGCTGCC
CAGGCACCTGGAGTCATCACAGGTGTGACCCAGCCCGTCTCTATCCCAGTACCATCCCCTCGGTG
GGAGTGGTGAACCCATCCTGGCCAGCCCTCCAACGCTGGGTCTCCTGGAGCCCAAGAAGGAGAAGGAA
GAAGAGGAGCTGTTCCCGAGTCAGAGCGGCCAGAGATGCTGAGCGAGCAGGAGCACATGAGCATCTCG
GGCAGTAGCGCCGACACATGGTATGCAGAAGCTGCTCCGAAGCAGGAGTCTACAGTATGGTCTG
CGCAACATGGTGGACCCCAAGGACATCGATGATGACCTGGAAGGGGAGGTGACAGAGGAGTGTGGCAAG
TTCGGGGCCGTGAACCGCTCATCATCTACCAAGAGAAACAAGGCGAGGAGGAGGATGCAGAAATCATT
GTCAAGATCTTTGTGGAGTTTTCCATAGCCTCTGAGACTATAAGGCCATCCAGGCCCTCAATGGCCGC
TGGTTTGTGGCCGAAGGTGGTGGCTGAAGTGTACGACCAGGAGCGTTTGATAACAGTACCTCTCT
CGGTGA
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Restriction Sites: SgfI-MluI
ACCN: NM_001271099



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Insert Size:	1593 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).
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_001271099.1
RefSeq Size:	1861 bp
RefSeq ORF:	1593 bp
Locus ID:	22827
UniProt ID:	Q9UHX1
Cytogenetics:	8q24.3
Protein Pathways:	Spliceosome
MW:	57.1 kDa
Gene Summary:	<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 (7, also known as PUF60deltaexon2) lacks an alternate in-frame exon in the coding region, compared to variant 1. The encoded isoform (g) is shorter than isoform a.</p>