

Product datasheet for **SC325151**

PUF60 (NM_001136033) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PUF60 (NM_001136033) Human Untagged Clone
Tag:	Tag Free
Symbol:	PUF60
Synonyms:	FIR; RoBPI; SIAHBP1; VRJS
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001136033, the custom clone sequence may differ by one or more nucleotides ATGGAGAACGGGAGAGCACAGCCGCCAAGCTGGGGCTGCCTCCCCTGACGCCCGAGCAG CAGGAGGCCCTTCAGAAGGCCAAGAAGTACGCCATGGAGCAGAGCATCAAGAGTGTGCTG GTGAAGCAGACCATCGCGCACCAGCAGCAGCAGCTCACCAACCTGCAGATGGCAGCAGTG ACAATGGGCTTTGGAGATCCTCTCTCACCTTTGCAATCGATGGCGGCTCAGCGGCAGCGG GCGCTGGCCATCATGTGCCGCTCTACGTGGGCTCTATCTACTATGAGCTGGGGGAGGAC ACCATCCGCCAGGCCCTTTGCCCTTTGGCCCCATCAAGAGCATCGACATGTCTGGGAC TCCGTCACCATGAAGCACAAGGGCTTTGCCTTCGTGGAGTATGAGGTCCCCGAAGCTGCA CAGCTGGCCTTGAGCAGATGAACTCGGTGATGCTGGGGGGCAGGAACATCAAGGTGGGC AGACCCAGCAACATAGGGCAGGCCAGCCCATCATAGACCAGTTGGCTGAGGAGGCACGG GCCTTCAACCGCATCTACGTGGCCTCTGTGCACCAGGACCTCTCAGACGATGACATCAAG AGCGTGTTTGAGGCCCTTTGGCAAGATCAAGTCTGCACACTGGCCCGGACCCCAACT GGCAAGCACAAGGGCTACGGCTTCATTGAGTACGAGAAGGCCAGTCGTCCCAAGATGCT GTGTCTTCCATGAACCTTTTGACCTGGGTGGCCAGTACTTGCGGGTGGCAAGGCTGTC ACACCGCCCATGCCCTACTCACACCAGCCACGCTGGAGGCCTCCCACCTGCCGCTGCT GTGGCAGCTGCTGCAGCCACTGCCAAGATCACAGCTCAGGAAGCAGTGGCCGGAGCAGCG GTGCTGGGTACCCTGGGCACACCTGGACTGGTGTCCCCAGCACTGACCCTGGCCCCAGCCC CTGGGCACCTTTGCCCCAGGCTGTCATGGCTGCCAGGCACCTGGAGTCATCACAGGTGTG ACCCAGCCCGTCTCTATCCCGGTACCATCCCCTCGGTGGGAGTGGTGAACCCATC CTGGCCAGCCCTCCAACGCTGGGTCTCCTGGAGCCCAAGAAGGAGAAGGAAGAAGAGGAG CTGTTTCCCGAGTCAGAGCGGCCAGAGATGCTGAGCGAGCAGGAGCATGAGCATCTCG GGCAGTAGCGCCGACACATGGTATGCAGAAGCTGCTCCGCAAGCAGGAGTCTACAGTG ATGTTCTGCGCAACATGGTGGACCCCAAGGACATCGATGATGACCTGGAAGGGGAGGTG ACAGAGGAGTGTGGCAAGTTCGGGGCCGTGAACCGCTCATCATCTACCAAGAGAAACAA GGCGAGGAGGAGATGCAGAAATCATTGTCAAGATCTTTGTGGAGTTTTCCATAGCCTCT GAGACTATAAGCCATCCAGGCCCTCAATGGCCGCTGTTTGGCTGGCCGCAAGGTGGTG GCTGAAGTGTACGACCAGGAGCGTTTTGATAACAGTGACCTCTCTGCG
Restriction Sites:	Please inquire
ACCN:	NM_001136033



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Insert Size:	1967 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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_001136033.1 , NP_001129505.1
RefSeq Size:	1967 bp
RefSeq ORF:	1551 bp
Locus ID:	22827
UniProt ID:	Q9UHX1
Cytogenetics:	8q24.3
Protein Pathways:	Spliceosome
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 (3) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at an alternate in-frame downstream start site, compared to variant 1. The encoded isoform (c) has a shorter N-terminus, compared to isoform a.</p>