

Product datasheet for **SC125766**

PUF60 (BC009734) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PUF60 (BC009734) Human Untagged Clone
Tag:	Tag Free
Symbol:	PUF60
Synonyms:	FBP interacting repressor; FIR; FLJ31379; fuse-binding protein-interacting repressor; poly-U binding splicing factor PUF60; pyrimidine tract binding splicing f; RoBPI; Ro ribonucleoprotein-binding protein 1; Ro ribonucleoprotein binding protein 1; SIAHBP1
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None



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Fully Sequenced ORF: >OriGene sequence for BC009734 edited
 GCGCGCGTGTGGCCCTTGC GGGCGAGCCTGGCGGGTTCGCTTCTGTCCGCTAGCAGG
 TCAATGGCCAGCAAGGAGGGGGTCCGAGCCGGCGGGCGGGCAGTGGTGGCAGCGG
 GAGACAAATGAAACCTCCACAGGGCACAGACTCCATCAAGATGGAGAACGGGCAGAGCA
 CAGCCGCCAAGCTGGGGCTGCCTCCCCTGACGCCGAGCAGCAGGAGGCCCTTCAGAAGG
 CCAAGAAGTACGCCATGGAGCAGAGCATCAAGAGTGTGCTGGTGAAGCAGACCATCGCC
 ACCAGCAGCAGCAGCTCACCAACCTGCAGATGGCGGCTCAGCGGCAGCGGGCGTGCCA
 TCATGTGCCGCGTCTACGTGGGCTCTATCTACTATGAGCTGGGGAGGACACCATCCGCC
 AGGCCTTTGCCCCCTTTGGCCCCATCAAGAGCATCGACATGTCCTGGGACTCCGTACCA
 TGAAGCACAAGGGCTTTGCCTTCGTGGAGTATGAGGTCCCCGAAGCTGCACAGCTGGCCT
 TGGAGCAGATGAACTCGGTGATGCTGGGGGCAGGAACATCAAGGTGGCAGACCCAGCA
 ACATAGGGCAGGCCAGCCCATCATAGACCAGTTGGCTGAGGAGGCACGGGCCTTCAACC
 GCATCTACGTGGCCTCTGTGCACCAGGACCTCTCAGACGATGACATCAAGAGCGTGTG
 AGGCCTTTGGCAAGATCAAGTCTGCACACTGGCCGGGACCCACAACCTGGCAAGCACA
 AGGGCTACGGCTTCATTGAGTACGAGAAGGCCAGTCGTCCCAAGATGCTGTGCTTCCA
 TGAACCTCTTTGACCTGGGTGGCCAGTACTTGGCGGTGGCAAGGCTGTACACCCGCCA
 TGCCCTACTCACACCAGCCACGCTGGAGGCCTCCCACCTGCCGCTGCTGTGGCAGCTG
 CTGCAGCCACTGCCAAGATCACAGCTCAGGAAGCAGTGGCCGGAGCAGCGGTGCTGGGTA
 CCCTGGGCACACCTGGACTGGTGTCCCCAGCACTGACCTGGCCAGCCCTGGGCACTT
 TGCCCCAGGCTGTATGGCTGCCAGGCACCTGGAGTCATCACAGGTGTGACCCAGCCC
 GTCCTCTATCCCGGTACCATCCCCTCGGTGGGAGTGGTGAACCCATCCTGGCCAGCC
 CTCCAACGCTGGTCTCCTGGAGCCCAAGAAGGAGAAGGAAGAAGAGGAGCTGTTTCCC
 AGTCAGAGCGGCCAGAGATGCTGAGCAGCAGGAGCACATGAGCATCTCGGGCAGTAGCG
 CCCGACACATGGTGATGCAGAAGCTGCTCCGCAAGCAGGAGTCTACAGTATGGTTCTGC
 GCAACATGGTGGACCCCAAGGACATCGATGATGACCTGGAAGGGGAGGTGACAGAGGAGT
 GTGGCAAGTTCGGGGCCGTGAACCGCGTCATCATCTACCAAGAGAAAACAAGGCGAGGAGG
 AGGATGCAGAAATCATTGTCAAGATCTTTGTGGAGTTTTCCATAGCCTCTGAGACTATA
 AGGCCATCCAGGCCCTCAATGGCCGCTGGTTTGTGGCCGAAGGTGGTGGCTGAAGTGT
 ACGACCAGGAGCGTTTTGATAACAGTGACCTCTCTGCGTGACAGTGGTCCCTCTCCCGG
 ACTTGCACTTGTTCCTTGTTCCTCTGGGTTTTATAGTGATACAGTGGTGTCCCCGGGGC
 CAGGGCGCTCTGCCAGCCAGCCTACAGTGGGATAAAGGTGGGATGCTGCTGGCC
 TGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for BC009734 unedited
 ACTATGAGGNCGCGCCGTAATTC CGGGAATATCGTACGACCACGGTCCGGCGCG
 GCGTGTGGCCCTTGC GGGCGAGCCTGGCGGGTTCGCTTCTGTCCGCTAGCAGGTCAAT
 GGCCAGCAAGGAGGGGGTCCGAGCCGGCGGGCGGGCAGTGGTGGCAGCGGGAGAC
 AAATGAAACCTCCACAGGGCACAGACTCCATCAAGATGGAGAACGGGCAGAGCACAGCC
 GCCAAGCTGGGGCTGCCTCCCCTGACGCCGAGCAGCAGGAGGCCCTTCAGAAGGCCAAG
 AAGTACGCCATGGAGCAGAGCATCAAGAGTGTGCTGGTGAAGCAGACCATCGCGCACCAG
 CAGCAGCAGCTCACCAACCTGCAGATGGCGGCTCAGCGGCAGCGGGCGCTGGCCATCATG
 TGCCGCGTCTACGTGGGCTCTATCTACTATGAGCTGGGGAGGACACCATCCGCCAGGCC
 TTTGCCCCCTTTGGCCCCATCAAGAGCATCGACATGTCCTGGGACTCCGTACCATGAAG
 CACAAGGGCTTTGCCTTCGTGGAGTATGAGGTCCCCGAAGCTGCACAGCTGGCCTTGAG
 CAGATGAACTCGGTGATGCTGGGGGCAGGAACATCAAGGTGGCAGACCCAGCAACATA
 GGGCAGGCCAGCCCATATAAACCANTTGGCTGANGAGGCACGGGCCTTCAACCGCATC
 TACGTGGCCTCTGTGCACCAGGACCTCTCAGACGATGACATCAAGAGCGTGTGAGGCC
 TTTGGGCAGATCAAGTCTGCACACTGGCCCGNACCCNACACTGGCAAGCACAAGGGC
 TACNGGCTTCATTGAGTACGAGAAGGCCAGTCGTCCAAGATGCTGTGCTTTCATGAA
 CCTCTTTGACCT

Restriction Sites: Please inquire

ACCN:	BC009734
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:	BC009734.1 , AAH09734.1
RefSeq Size:	1837 bp
Locus ID:	22827
Cytogenetics:	8q24.3
Protein Pathways:	Spliceosome
Gene Summary:	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]