

Product datasheet for **RC234363**

PUF60 (NM_001271099) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PUF60 (NM_001271099) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	PUF60
Synonyms:	FIR; RoBPI; SIAHBP1; VRJS
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC234363 representing NM_001271099
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGACGGCGACCATAGCTCTCGGCACAGACTCCATCAAGATGGAGAACGGGCAGAGCACAGCCGCCA
 AGCTGGGGCTGCCTCCCCGACGCCGAGCAGCAGGAGGCCCTTTCAGAAGGCCAAGAAGTACGCCATGGA
 GCAGAGCATCAAGAGTGTGCTGGTGAAGCAGACCATCGCGCACCCAGCAGCAGCTCACCAACCTGCAG
 ATGGCAGCAGTGACAATGGGCTTTGGAGATCCTCTCTCACCTTTGCAATCGATGGCGGCTCAGCGGCAGC
 GGGCGCTGGCCATCATGTGCCGCTCTACGTGGGCTCTACTACTATGAGCTGGGGGAGGACACCATCCG
 CCAGGCCCTTGGCCCTTTGGCCCATCAAGAGCATCGACATGTCCTGGGACTCCGTACCATGAAGCAC
 AAGGGCTTTGCCTTCGTGGAGTATGAGGTCCCCGAAGCTGCACAGCTGGCCTTGAGCAGATGAAGTCCG
 TGATGCTGGGGGGCAGGAACATCAAGGTGGCAGACCCAGCAACATAGGGCAGGCCAGCCCATCATAGA
 CCAGTTGGCTGAGGAGGCAGGGCCTTCAACCGCATCTACGTGGCCTCTGTGCACCAGGACCTCTCAGAC
 GATGACATCAAGAGCGTGTTTGAGGCCTTTGGCAAGATCAAGTCTGCACACTGGCCCGGACCCACAA
 CTGGCAAGCACAAGGGCTACGGCTTCATTGAGTACGAGAAGGCCAGTCTGCCAAGATGCTGTGTCTTC
 CATGAACCTCTTTGACCTGGGTGGCCAGTACTTGGGGTGGGCAAGGCTGTACACCCGCCATGCCCTA
 CTCACACCAGCCACGCCTGGAGGCCTCCCACCTGCCGCTGCTGTGGCAGCTGCTGCAGCCACTGCCAAGA
 TCACAGCTCAGGAAGCAGTGGCCGGAGCAGCGGTGCTGGTACCTGGGCACACCTGGACTGGTGTCCCC
 AGCACTGACCTGGCCAGCCCTGGGCACTTTGCCCCAGGCTGTATGGCTGCCAGGCACCTGGAGTC
 ATCACAGGTGTGACCCAGCCCTCTCCTATCCCGTACCATCCCCTCGTGGGAGTGGTGAACCCCA
 TCCTGGCCAGCCCTCCAACGCTGGTCTCCTGGAGCCCAAGAAGGAGAAGGAAGAGGAGCTGTTTCC
 CGAGTCAGAGCGGCCAGAGATGCTGAGCGAGCAGGAGCACATGAGCATCTCGGGCAGTAGCGCCGACAC
 ATGGTGTATGCAGAAGCTGCTCCGCAAGCAGGAGTCTACAGTGTGGTCTGCGCAACATGGTGGACCCCA
 AGGACATCGATGATGACCTGGAAGGGGAGGTGACAGAGGAGTGTGGCAAGTTCGGGGCCGTGAACCCGCT
 CATCATCTACCAAGAGAAAACAAGGCGAGGAGGAGGATGCAGAAATCATTGTCAAGATCTTTGTGGAGTTT
 TCCATAGCCTCTGAGACTCATAAGGCCATCCAGGCCCTCAATGGCCGCTGGTTTGTGGCCGCAAGGTGG
 TGGCTGAAGTGTACGACCAGGAGCGTTTTGATAACAGTACCTCTCTGCG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC234363 representing NM_001271099
 Red=Cloning site Green=Tags(s)

MATATIALGTDSIKMENGQSTA AKLGLPPLTPEQQEALQKAKKYAMEQSIKSVLVKQTI AHQQQLTNLQ
 MAAVTMGFDPLSPLQSM AQRQRALAIMCRVYVGSIIYELGEDTIRQAFAPFGPIKSIDMSWDSVTMKH
 KGFAFVEYEVPEAAQLALEQMNSVMLGGRNIKVGRPSNIGQAQPIIDQLAEEARAFNR IYVASVHQDLS
 DDIKSVFEAFGKIKSCTLARDPTTGKHKGYGFI EYEKAQSSQDAVSSMNLFDLGGQYLRVGA VTPPMP
 LTPATPGGLPPAAAVAAAAATAKITAQEAVAGAAVLGTLGTPGLVSPALTLAQPLGTL PQA VMAAQA
 PGVITGVTPARPPIPVTIPSVGVVNPILASPTLGLLEPKKEKEEELFPESERPEMLSEQEHMSI
 SGSSARHMVMQKLLRKQESTVMVLRNMVDPKIDDDLEGEVTEECGKFGAVNRV IYQEKQGEEDAEI
 IVKIFVEFSIASETHKAIQALNGRWFAGRKVVAEYDQERFDNSDL SA

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

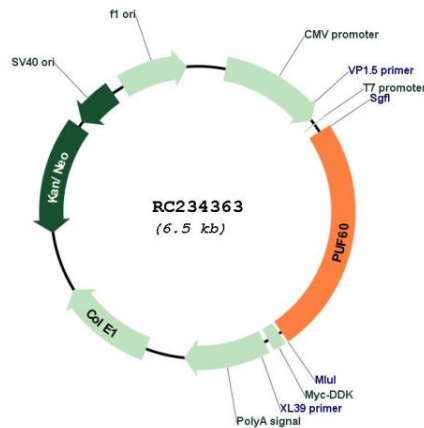
Cytogenetics: 8q24.3

Protein Pathways: Spliceosome

MW: 57.6 kDa

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]

Product images:



Circular map for RC234363