

Active Recombinant Full Length Human PUF60 Protein, C-Flag-tagged

Cat. No. PUF60-97HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human PUF60 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Bio-activity	WB positive control ELISA capture for autoantibodies
Molecular Mass	59.7 kDa
AA Sequence	MATATIALVNGQQGGGSEPA AAAA VVAAGDKWKPPQGTDSIKMENGQSTAAKLGL PPLTPEQQEALQKA KKYAMEQSIKSVLVKQTIAHQQQQLTNLQMAAVTMGFGDPLS

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PLQSMAAQRQRALAIMCRVYVGSIIYE LGEDTIRQAFAPFGPIKSIDMSWDSVTMKH
 KGFAFVEYEVPEAAQLALEQMNSVMLGGRNIKVGRRPSNI GQAQPIIDQLAEEARAFN
 RIYVASVHQDLSDDDIKSVFEAFGKIKSCTLARDPTTGKHKGYGFIEYEKA QSSQDA
 VSSMNLFDLGGQYLRVGKAVTPPMPLLTPTPGGLPPAAAVAAAAATAKITAQEAVA
 GAAVLG TLGTPGLVSPALTLAQPLGTLQAVMAAQAPGVITGVTPARPPIPVTIPSV
 GVVNPILASPPTLGLLEP KKEKEEEEELFPESERPEMLSEQEHMSISGSSARHVMVQ
 KLLRKQESTVMVLRNMVDPKDIDDDLEGEVT EECGKFGAVNRVIIYQEKQGEEEDA
 EIIVKIFVEFSIASETHKAIQALNGRWFAGRKVVAEVYDQERFD
 NSDLSATRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Pathways	Spliceosome
Full Length	Full L.

GENE INFORMATION

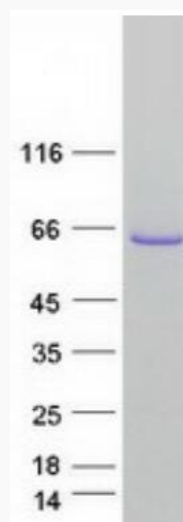
Gene Name	PUF60 poly(U) binding splicing factor 60 [Homo sapiens (human)]
Official Symbol	PUF60

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Synonyms	FIR; VRJS; RoBPI; SIAHBP1
Gene ID	22827
mRNA Refseq	NM_078480.3
Protein Refseq	NP_510965.1
MIM	604819
UniProt ID	Q9UHX1



Coomassie blue staining of purified PUF60 protein.