

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

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

### SPECIFICATION

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

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

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

## GENE INFORMATION

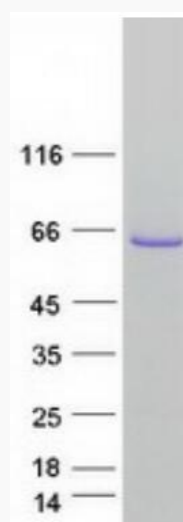
|                        |                                                                   |
|------------------------|-------------------------------------------------------------------|
| <b>Gene Name</b>       | PUF60 poly(U) binding splicing factor 60 [ Homo sapiens (human) ] |
| <b>Official Symbol</b> | PUF60                                                             |

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|                       |                           |
|-----------------------|---------------------------|
| <b>Synonyms</b>       | FIR; VRJS; RoBPI; SIAHBP1 |
| <b>Gene ID</b>        | 22827                     |
| <b>mRNA Refseq</b>    | NM_078480.3               |
| <b>Protein Refseq</b> | NP_510965.1               |
| <b>MIM</b>            | 604819                    |
| <b>UniProt ID</b>     | Q9UHX1                    |



Coomassie blue staining of purified PUF60 protein.