Recombinant Human PUF60 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PUF60-4007H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PUF60 MS Standard C13 and N15-labeled recombinant protein (NP_510965) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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-TFIIH basal transcription factor. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Molecular Mass	59.7 kDa
AA Sequence	MATATIALVNGQQGGGSEPAAAAAVVAAGDKWKPPQGTDSIKMENGQSTAAKLGL PPLTPEQQEALQKAKKYAMEQSIKSVLVKQTIAHQQQQLTNLQMAAVTMGFGDPLS PLQSMAAQRQRALAIMCRVYVGSIYYELGEDTIRQAFAPFGPIKSIDMSWDSVTMKH KGFAFVEYEVPEAAQLALEQMNSVMLGGRNIKVGRPSNIGQAQPIIDQLAEEARAFN RIYVASVHQDLSDDDIKSVFEAFGKIKSCTLARDPTTGKHKGYGFIEYEKAQSSQDAV SSMNLFDLGGQYLRVGKAVTPPMPLLTPATPGGLPPAAAVAAAAATAKITAQEAVAG

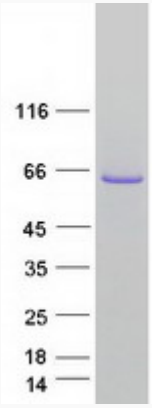
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	AAVLGTLGTPGLVSPALTLAQPLGTLPQAVMAAQAPGVITGVTPARPPIPVTIPSVGV VNPILASPPTLGLLEPKKEKEEEELFPESERPEMLSEQEHMSISGSSARHMVMQKLL RKQESTVMVLRNMVDPKDIDDDLEGEVTEECGKFGAVNRVIIYQEKQGEEEDAEIIV KIFVEFSIASETHKAIQALNGRWFAGRKVVAEVYDQERFDNSDLSATRTRPLEQKLIS EEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	PUF60 poly-U binding splicing factor 60KDa [Homo sapiens (human)]
Official Symbol	PUF60
Synonyms	PUF60; poly-U binding splicing factor 60KDa; poly(U)-binding-splicing factor PUF60; FBP interacting repressor; FIR; pyrimidine tract binding splicing factor; Ro ribonucleoprotein binding protein 1; RoBPI; siah binding protein 1; SIAHBP1; roBP1; siah-BP1; ro-binding protein 1; siah-binding protein 1; FBP-interacting repressor; poly-U binding splicing factor PUF60; 60 kDa poly(U)-binding-splicing factor; Ro ribonucleoprotein-binding protein 1; fuse-binding protein-interacting repressor; FLJ31379;

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Gene ID	22827
mRNA Refseq	NM_078480
Protein Refseq	NP_510965
MIM	604819
UniProt ID	Q9UHX1
SDS-PAGE	

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