

## Product datasheet for PH323492

### PUF60 (NM\_078480) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	PUF60 MS Standard C13 and N15-labeled recombinant protein (NP_510965)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC223492
Predicted MW:	59.7 kDa
Protein Sequence:	>Peptide sequence encoded by RC223492 Blue=ORF Red=Cloning site Green=Tag(s)

MATATIALVNGQQGGGSEPA AAAAVVAAGDKWKPQGTDSIKMENGQSTAAKLGLPPLTPEQQEALQKA  
KKYAMEQSIKSVLVKQTI AHQQQLTNLQMAAVTMGFGDPLSPLQSM AQRQRALAIMCRVYVGS IYYE  
LGEDTIRQAFAPFGPIKSIDMSWDSVTMKHKGF AFVEYEVPEAAQLALEQMNSVMLGGRNIKVGRPSNI  
GQAQPIIDQLAEEARAFNRIYVASVHQDLSDDDIKSVFEAFGKIKSCTLARDP TTGKHKG YGFIEYEKA  
QSSQDAVSSMNLFDLGGQYLRVGKAVTPPMP LLTPATPGGLPPAAAVAAAAATAKITAQEAVAGA AVLG  
TLGTPGLVSPALTLAQPLGTLPQAVMAAQAPG VITGVTPARPPIPVTIPSVGVVNPILASPTLGLLEP  
KKEKEEEELFPESERPEMLSEQEHMSISGSSARHVMQKLLRKQESTVMVLRNMVDPKDIDDDLEGEVT  
EECGKFGAVNRV IYQEKQGEEDAEIIVKIFVEFSIASETHKAIQALNGRWFAGRKVVAEYVDQERFD  
NSDLSA  
TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Recombinant protein using RC223492 also available, [TP323492](#)

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_510965</a>
RefSeq Size:	1946



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RefSeq ORF: 1674

Synonyms: FIR; RoBPI; SIAHBP1; VRJS

Locus ID: 22827

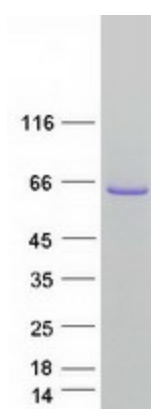
UniProt ID: [Q9UHX1](#)

Cytogenetics: 8q24.3

**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]

**Protein Pathways:** Spliceosome

### Product images:



Coomassie blue staining of purified PUF60 protein (Cat# [TP323492]). The protein was produced from HEK293T cells transfected with PUF60 cDNA clone (Cat# [RC223492]) using MegaTran 2.0 (Cat# [TT210002]).