Recombinant Human PUF60, His-tagged

Cat. No. PUF60-31262TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 1-183 of Human PUF60 with an N terminal His tag. Predictec MWt: 21 kDa.
Species	Human
Source	E.coli
ProteinLength	1-183 a.a.
Description	The protein encoded by this gene is a Ro RNP-binding protein. It interacts with Ro RNPs and their interaction is thought to represent a gain of function for Ro RNPs. This protein also forms a ternary complex with far upstream element (FUSE) and FUSE-binding protein. It can repress a c-myc reporter via the FUSE. It is also known to target transcription factor IIH and inhibit activated transcription. This gene is implicated in the xeroderma pigmentosum disorder. There are two alternatively spliced transcript variants of this gene encoding different isoforms. There seems to be evidence of multiple polyadenylation sites for this gene.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 107 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MATATIALQVNGQQGGGSEPAAAAAVVAAGDKWKPPQGTD SIKMENGQSTAAKLG LPPLTPEQQEALQKAKKYAMEQS IKSVLVKQTIAHQQQQLTNLQMAAVTMGFGDPL SPLQS MAAQRQRALAIMCRVYVGSIYYELGEDTIRQAFAPFGP IKSIDMSWDSVTM KHKGFAFVEYEVPEAA

GENE INFORMATION

Gene Name	PUF60 poly-U binding splicing factor 60KDa [Homo sapiens]
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;
Gene ID	22827
mRNA Refseq	NM_014281
Protein Refseq	NP_055096
MIM	604819
Uniprot ID	Q9UHX1
Chromosome Location	8q24.3
Pathway	Spliceosome, organism-specific biosystem; Spliceosome, conserved biosystem;

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Function	DNA binding; RNA binding; nucleotide binding; protein binding;

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