

Recombinant Human PUF60 protein, His & GST-tagged

Cat. No. PUF60-8041H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PUF60 aa. (Asn226~Gln549 (Accession # Q9UHX1)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Asn226~Gln549
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	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 64.6kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%

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Characteristic	The isoelectric point is 5.0.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH ₂ O.

GENE INFORMATION

Gene Name	PUF60 poly(U) binding splicing factor 60 [Homo sapiens (human)]
Official Symbol	PUF60
Synonyms	FIR; VRJS; RoBPI; SIAHBP1; FBP interacting repressor; FUSE-binding protein-interacting repressor; Ro ribonucleoprotein-binding protein 1; Siah binding protein 1; poly(U) binding splicing factor 60KDa; pyrimidine tract binding splicing factor; poly(U)-binding-splicing factor PUF60
Gene ID	22827

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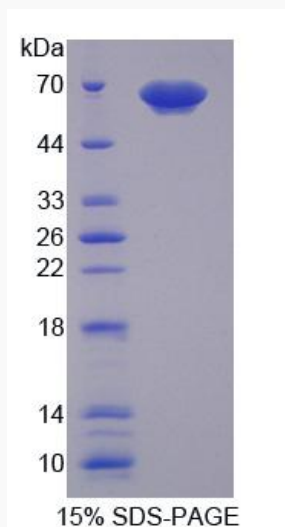
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mRNA Refseq NM_001136033.2

Protein Refseq NP_001129505.1

UniProt ID Q9UHX1

SDS-PAGE



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