



Recombinant Human Poly (U)-binding-splicing factor PUF60 (PUF60)

Product Code	CSB-MP883409HU
Abbreviation	PUF60
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9UHX1
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MATATIALQV NGQQGGGSEP AAAAVVAAG DKWKPPQGT DSIKMENGQST AAKLG LPLT PEQQEALQKA KKYAMEQSIK SVLVKQTIAH QQQQLTNLQM AAVTMGFGDP LSPLQSMMAQ RQRALAIMCR VYVGSIIYEL GEDTIRQAF A PFGPIKSIDM SWDSVTMKHK GFAFVEYEV EAAQLALEQM NSVMLGGRNI KVGRPSNIGQ AQPIIDQLAE EARAFNRIYV ASVHQDLSDD DIKSVFEAFG KIKSCTLARD PTTGKHKGYG FIEYEKAQSS QDAVSSMNL FDLGGQYLRVG KAVTPPMP LLTPATPGGLPP AA AVAAAAAT AKITAEVA GA AVLGTLGT PGLVSPALTL AQPLGTL PQA VMAAQAPGVI TGVTPAR PPI PVTIPSVGVV NPILASPPTL G LLEPKKEKE EEELFPESER P EMLSEQEHM SISGSSARHM VMQKLLRKQE STVMVLRNMV DPKDIDDDLE GEVTEECGKF GAVNRV IYQ EKQGEEEDAE IIVKIFVEFS IASETHKAIQ ALNGRWFAGR KVVAEVYDQE RFDNSDLSA
Source	Mammalian cell
Target Names	PUF60
Protein Names	Recommended name: Poly(U)-binding-splicing factor PUF60 Alternative name(s): 60 kDa poly(U)-binding-splicing factor FUSE-binding protein-interacting repressor Short name= FBP-interacting repressor Ro-binding protein 1 Short name
Expression Region	1-559
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This protein 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.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.