



Recombinant Human Pre-mRNA-splicing factor 18 (PRPF18)

Product Code	CSB-MP859517HU
Abbreviation	PRPF18
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.	Q99633
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MDILKSEILR KRQLVEDRNL LVENKKYFKR SELAKKEEEA YFERCGYKIQ PKEEDQKPLT SSNPVLELEL AEEKLPMTLS RQEVIRRLRE RGEPIRLFGE TDYDAFQRLR KIEILTPEVN KGLRNDLKAA LDKIDQQYLN EIVGGQEPGE EDTQNDLKVH EENTTIEELE ALGESLKGKD DHKMDIITK FLKFLLGVWA KELNAREDYV KRSVQGKLS ATQKQTESYL RPLFRKLRKR NLPADIKESI TDIKFMLQR EYVKANDAYL QMAIGNAPWP IGVTMVGIIHA RTGREKIFSK HVAHVLNDET QRKYIQGLKR LMTICQKHFP TDPSKCVEYN AL
Source	Mammalian cell
Target Names	PRPF18
Protein Names	Recommended name: Pre-mRNA-splicing factor 18 Alternative name(s): PRP18 homolog Short name= hPRP18
Expression Region	1-342
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	Pre-mRNA splicing occurs in 2 sequential transesterification steps. This protein is found to be essential for the catalytic step II in pre-mRNA splicing process. It is found in the spliceosome, and contains seven WD repeats, which function in protein-protein interactions. This protein has a sequence similarity to the yeast splicing factor Prp18.
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.