Recombinant Human Pre-mRNA 3'-end-processing factor FIP1 (FIP1L1)

Product Code	CSB-MP744253HU
Abbreviation	FIP1L1
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.	Q6UN15
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MSAGEVERLV SELSGGTGGD EEEEWLYGGP WDVHVHSDLA KDLDENEVER PEEENASANP PSGIEDETAE NGVPKPKVTE TEDDSDSDSD DDEDDVHVTI GDIKTGAPQY GSYGTAPVNL NIKTGGRVYG TTGTKVKGVD LDAPGSINGV PLLEVDLDSF EDKPWRKPGA DLSDYFNYGF NEDTWKAYCE KQKRIRMGLE VIPVTSTTNK ITAEDCTMEV TPGAEIQDGR FNLFKVQQGR TGNSEKETAL PSTKAEFTSP PSLFKTGLPP SRNSTSSQSQ TSTASRKANS SVGKWQDRYG RAESPDLRRL PGAIDVIGQT ITISRVEGRR RANENSNIQV LSERSATEVD NNFSKPPPFF PPGAPPTHLP PPPFLPPPPT VSTAPPLIPP PGFPPPPGAP PPSLIPTIES GHSSGYDSRS ARAFPYGNVA FPHLPGSAPS WPSLVDTSKQ WDYYARREKD RDRERDRDRE RDRDRDRERE RTRERERERD HSPTPSVFNS DEERYRYREY AERGYERHRA SREKEERHRE RRHREKEETR HKSSRSNSRR RHESEEGDSH RRHKHKKSKR SKEGKEAGSE PAPEQESTEA TPAE
Source	Mammalian cell
Target Names	FIP1L1
Protein Names	Recommended name: Pre-mRNA 3'-end-processing factor FIP1 Short name= hFip1 Alternative name(s): FIP1-like 1 protein Factor interacting with PAP Rearranged in hypereosinophilia
Expression Region	1-594
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 gene encodes a subunit of the CPSF (cleavage and polyadenylation specificity factor) complex that polyadenylates the 3 end of mRNA precursors. This gene, the homolog of yeast Fip1 (factor interacting with PAP), binds to U-rich sequences of pre-mRNA and stimulates poly(A) polymerase activity. Its N-

	terminus contains a PAP-binding site and its C-terminus an RNA-binding domain. An interstitial chromosomal deletion on 4q12 creates an in-frame fusion of human genes FIP1L1 and PDGFRA (platelet-derived growth factor receptor, alpha). The FIP1L1-PDGFRA fusion gene encodes a constitutively activated tyrosine kinase that joins the first 233 amino acids of FIP1L1 to the last 523 amino acids of PDGFRA. This gene fusion and chromosomal deletion is the cause of some forms of idiopathic hypereosinophilic syndrome (HES). This syndrome, recently reclassified as chronic eosinophilic leukemia (CEL), is responsive to treatment with tyrosine kinase inhibitors. Alternative splicing results in multiple transcript variants encoding distinct isoforms.
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.