



Recombinant Human Upstream stimulatory factor 1 (USF1)

Product Code	CSB-MP025681HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P22415
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MKGQQKTAET EEGTVQIQEG AVATGEDPTS VAIASIQSAA TFPDPNVKYV FRTEGGQVM YRVIQVSEGQ LDGQTEGTGA ISGYPATQSM TQAVIQGAFT SDDAVDTEGT AAETHYTYFP STAVGDGAGG TTSGSTAAVV TTQGSEALLG QATPPGTGQF FVMMSPQEV L QGGSQRSIAP RTHPYSPKSE APRTRDEKR RAQHNEVERR RRDKINNWIV QLSKIIPDCS MESTKSGQSK GGILSKACDY IQELRQSNHR LSEELQGLDQ LQLDNDVLRQ QVEDLKNKNL LLRAQLRHHG LEVVIKNSDN
Source	Mammalian cell
Target Names	USF1
Protein Names	Recommended name: Upstream stimulatory factor 1 Alternative name(s): Class B basic helix-loop-helix protein 11 Short name= bHLHb11 Major late transcription factor 1
Expression Region	1-310
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 member of the basic helix-loop-helix leucine zipper family, and can function as a cellular transcription factor. The encoded protein can activate transcription through pyrimidine-rich initiator (Inr) elements and E-box motifs. This gene has been linked to familial combined hyperlipidemia (FCHL). Two transcript variants encoding distinct isoforms have been identified 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.