Recombinant Human Interleukin enhancer-binding factor 2 (ILF2)

Product Code	CSB-YP614262HU
Abbreviation	ILF2
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.	Q12905
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MRGDRGRGRG GRFGSRGGPG GGFRPFVPHI PFDFYLCEMA FPRVKPAPDE TSFSEALLKR NQDLAPNSAE QASILSLVTK INNVIDNLIV APGTFEVQIE EVRQVGSYKK GTMTTGHNVA DLVVILKILP TLEAVAALGN KVVESLRAQD PSEVLTMLTN ETGFEISSSD ATVKILITTV PPNLRKLDPE LHLDIKVLQS ALAAIRHARW FEENASQSTV KVLIRLLKDL RIRFPGFEPL TPWILDLLGH YAVMNNPTRQ PLALNVAYRR CLQILAAGLF LPGSVGITDP CESGNFRVHT VMTLEQQDMV CYTAQTLVRI LSHGGFRKIL GQEGDASYLA SEISTWDGVI VTPSEKAYEK PPEKKEGEEE EENTEEPPQG EEEESMETQE
Source	Yeast
Target Names	ILF2
Protein Names	Recommended name: Interleukin enhancer-binding factor 2 Alternative name(s): Nuclear factor of activated T-cells 45 kDa
Expression Region	1-390
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	Nuclear factor of activated T-cells (NFAT) is a transcription factor required for T-cell expression of the interleukin 2 gene. NFAT binds to a sequence in the interleukin 2 gene enhancer known as the antigen receptor response element 2. In addition, NFAT can bind RNA and is an essential component for encapsidation and protein priming of hepatitis B viral polymerase. NFAT is a heterodimer of 45 kDa and 90 kDa proteins, the smaller of which is the product of this gene. The encoded protein binds strongly to the 90 kDa protein and stimulates its ability to enhance gene expression.
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.