



Recombinant Human Transcriptional repressor CTCFL (CTCFL)

Product Code	CSB-MP818824HU
Abbreviation	CTCFL
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.	Q8NI51
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MAATEISVLS EQFTKIKELE LMPEKGLKEE EKDGVCREKD HRSPSELEAE RTSGAFQDSV LEEVELVLA PSESEKYIL TLQTVHFTSE AVELQDMSLL SIQQQEGVQV VVQQPGPGLL WLEEGPRQSL QQCVAISIQQ ELYSPQEMEV LQFHALEENV MVASEDSKLA VSLAETTGLI KLEEEQEKNQ LLAERTKEQL FFVETMSGDE RSDEIVLTVS NSNVEEQEDQ PTAGQADA EK AKSTKNQRKT KGAKGTFHCD VCMFTSSRMS SFNRHMKTHT SEKPHLCHLC LKTFRTVTLL RNHVNHTGT RPYKCND CNM AFVTSGELVR HRRYKHTHEK PFKCSMCKYA SVEASKLKRH VRSHTGERPF QCCQCSYASR DTYKLKRHMR THSGEKPYEC HICHTRFTQS GTMKIHILQK HGENVPKYQC PHCATIARK SDLRVHMRNL HAYSAAELKC RYCSAVFHER YALIQHQKTH KNEKRFKCKH CSYACKQERH MTAHIRHTG EKPFTCLSCN KCFRQKQLLN AHFRKYHDAN FIPTVYKCSK CGKGF SRWIN LHRHSEKCGS GEAKSAASGK GRRTRKRKQT ILKEATKGQK EAAKGWKEAA NGDEAAAEAA STTKGEQFPG EMFPVACRET TARVKEEVDE GVTCEMLLNT MDK
Source	Mammalian cell
Target Names	CTCFL
Protein Names	Recommended name: Transcriptional repressor CTCFL Alternative name(s): Brother of the regulator of imprinted sites CCCTC-binding factor CTCF paralog CTCF-like protein Cancer/testis antigen 27 Short name= CT27 Zinc finger
Expression Region	1-663
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	CCCTC-binding factor (CTCF), an 11-zinc-finger factor involved in gene regulation, utilizes different zinc fingers to bind varying DNA target sites. CTCF forms methylation-sensitive insulators that regulate X-chromosome inactivation.



This gene is a paralog of CTCF and appears to be expressed primarily in the cytoplasm of spermatocytes, unlike CTCF which is expressed primarily in the nucleus of somatic cells. CTCF and This protein are normally expressed in a mutually exclusive pattern that correlates with resetting of methylation marks during male germ cell differentiation.

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.