



# Recombinant Mouse Transcriptional repressor CTCFL (Ctcf1)

<b>Product Code</b>	CSB-EP006139MO-B
<b>Storage</b>	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.
<b>Uniprot No.</b>	A2APF3
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MAAAEVPVPS GYFTQIKEQK LKPGDLEEEK EEDGVQRVEA QEGVVKEVEA ENSCLLLEAR APVESDRRIL TLQTVHLESQ DVHLQGLGWL SVPHSEELSG TVPEAEGILQ LPSVLWLDPE PQLSLQHCVT VSIPEELYPP EELQRIHFHL LRENVLMAEE NPELTPDLDE STALKKPEED EKDQLPPQGE TDKREERLLL LEMKPKEGKD DEIVLTISHL SLEEQQDPPA ANQTSVPGAK AAKPKRRRQT KGK PQSFQCD TCPFTSSKLS TFNRHIKIHS NERPHLCHLC LKAFRTVTL RNHVNTHTGT RPHKCRDCDM AFVTSGELVR HRRYKHTYEK PFKCSLCKYA SVEASKMKRH IRSHTGERPF QCCQCAYASR DSYKLKRHMR THSGEKPYEC PTCHVRFTQS GTMKIHIAQK HGENVPKYEC PHCATIARK SDLRVHLRNL HSQSPEEMKC RYCPAGFHER YALIQHQARTH KNEKKFKCKQ CDYACKQERC LKAHMRMHTG EKPFSCACN KHFRQKQLLT VHRLKYHDPN FVPNLHLCLK CDKRFSRWSN LQRHRKKCDP EHETLAPNKD RRPVTRTQAS EGEAGHKEGE PQCPGEQALG HQGEAAGSQS PDHGLTCEII FNMMDK
<b>Source</b>	E.coli
<b>Target Names</b>	Ctcf1
<b>Protein Names</b>	Recommended name: Transcriptional repressor CTCFL Alternative name(s): Brother of the regulator of imprinted sites CCCTC-binding factor CTCF paralog CTCF-like protein
<b>Expression Region</b>	1-636
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4? for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	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.