

Recombinant Human CTCFL Protein, GST-tagged

Cat. No. CTCFL-2058H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CTCFL partial ORF (NP_542185, 193 a.a. - 293 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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 the protein encoded by this gene are normally expressed in a mutually exclusive pattern that correlates with resetting of methylation marks during male germ cell differentiation. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2012]
Molecular Mass	36.85 kDa
AA Sequence	AERTKEQLFFVETMSGDERSDEIVLTVSNSNVEEQEDQPTAGQADAEKAKSTKNQR KTKGAKGTFHCDVCMFTSSRMSSFNRHMKHTHTSEKPHLCHLCLKT
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

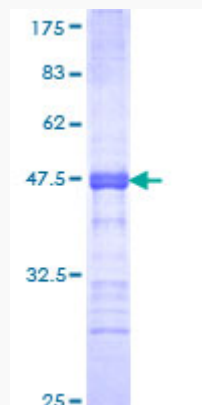
 45-1 Ramsey Road, Shirley, NY 11967, USA

	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	CTCF-like protein (zinc finger protein)-like [Homo sapiens]
Official Symbol	CTCF
Synonyms	CTCF; CTCF-binding factor (zinc finger protein)-like; transcriptional repressor CTCF; BORIS; cancer/testis antigen 27; CT27; dJ579F20.2; HMG-1L1; CTCF paralog; CTCF-like protein; BORIS-like protein; zinc finger protein CTCF-T; brother of the regulator of imprinted sites; putative high mobility group protein 1-like 1; putative high mobility group protein B1-like 1; CTCF-T; HMGB1L1; MGC163358; MGC169105; MGC169106;
Gene ID	140690
mRNA Refseq	NM_080618
Protein Refseq	NP_542185
MIM	607022
UniProt ID	Q8NI51

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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