



Recombinant Mouse CTCFL Protein Product Manual

1. Product Basic Information

Product No.: REP06583

Protein Name: Dj579F20.Boris-Like Protein (CTCFL)

Aliases: CT27; BORIS; CTCF-HMGB1L1; dJ579F20.BORIS-like protein; cancer/testis antigen 27; CCCTC-binding factor like; transcriptional repressor CTCFL; brother of the regulator of imprinted sites

UniProt ID: Q8NI51

UniProt Link: <https://www.uniprot.org/uniprotkb/Q8NI51/entry>

Species Source: Mus musculus (Mouse)

Expression System: E.coli

Protein Length: Full Length (1-636aa)

Molecular Weight: 89.1kDa

Protein Tag: N-terminal 6xHis-SUMO-tagged

2. Amino Acid Sequence (1-636aa)

MAAAEVPVPSGYFTQIKEQKLKPGDLEEEKEEDGVQRVEAQEGVVKEVEAENSCLL
LEARAPVESDRRILTLQTVHLESQDVHLQGLGWLSPHSEELSGTVPEAEGILQLPS
VLWLDPEPQLSLQHCVTVSIPEELYPPEELQRIHFHLLRENVLMAEENPELTPDLDE
STALKKPEEDEKQQLPPQGETDKREERLLLLLEMKPKEGKDDEIVLTISHLSLEEQQD
PPAANQTSVPGAKAAKPKRRRQTKGKPQSFQCDTCPFTSSKLSTFNRIHIHSNER
PHLCHLCLKAFRTVTLLRNHVNTHTGTRPHKCRDCDMAFVTSGELVRHRRYKHTY
EKPFKCSLCKYASVEASKMKRHIRSHTGERPFQCCQAYASRDSYKLKRHMRTHS
GEKPYECPTCHVRFTQSGTMKIHIAQKHGENVPKYECPHCATIARKSDLRVHLRNL
HSQSPEEMKCRYCPAGFHERYALIQHQRTHKNEKKFKCKQCDYACKQERCLKAH
MRMHTGEKPFSCACNKHFRQKQLLTVHLRKYHDPNFVNLHLCLKCDKRFSRWS
NLQRHRKKCDPEHETLAPNKDRRPVTRTQASEGEAGHKEGEPQCPGEQALGHQG
EAAGSQSPDHGLTCEIIFNMMDK

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom



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glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Mouse CTCFL full length protein (1-636aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. CTCFL, also known as CT27 or BORIS or CTCF-HMGB1L1, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.