

Recombinant Human CTCF protein, His-tagged

Cat. No. CTCF-2364H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CTCF protein(P49711)(266-727aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	266-727aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	57.4 kDa
AA Sequence	FQCELCSYTCPRRSNLDRHMKSHTERPHKCHLCGRAFRVTLLRNHLNTHTGTRP HKCPDCDMAFVTSGELVRHRRYKHTHEKPFKCSMCDYASVEVSKLKRHIRSHTGE RPFQCSLCSYASRDYKLRHMRTHSGEKPYECYICHARFTQSGTMKMHILQKHTE NVAKFHCPHCDTVIARKSDLGVHLRKQHSYIEQGKKCRYCDAVFHERYALIQHQKS HKNEKRFKCDQCDYACRQERHMIMHKRTHHTGEKPYACSHCDKTFRQKQLLDMHFK RYHDPNFVPAAFVCSKCGKTFTRRNTMARHADNCAGPDGVEGENGGGETKSKSRG RKRKMRSKKEDSSDSENAEPDLDDNEDEEEPAVEIEPEPEPQPVTAPPPAKKRRG RPPGRTNQPKQNQPTAIQVEDQNTGAIENIIVEVKKEPDAEPAEGEEEEEQAATDA PNGDLTPEMILSMMDR

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Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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.

GENE INFORMATION

Gene Name	CTCF CCCTC-binding factor (zinc finger protein) [Homo sapiens]
Official Symbol	CTCF
Synonyms	CTCF; CCCTC-binding factor (zinc finger protein); transcriptional repressor CTCF; 11 zinc finger transcriptional repressor; CTCFL paralog; 11-zinc finger protein;
Gene ID	10664
mRNA Refseq	NM_001191022
Protein Refseq	NP_001177951
MIM	604167
UniProt ID	P49711

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