

## Recombinant Human CTCF protein, His-tagged

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

### SPECIFICATION

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

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

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

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