

## Recombinant Human CUTC protein, His-tagged

Cat. No. CUTC-3904H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CUTC protein(Q9NTM9)(Met1-Val273), fused with His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Val273
<b>Form</b>	Lyophilized from sterile PBS, 10% glycerol, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
<b>Molecular Mass</b>	The recombinant human CUTC comprises 284 amino acids and migrates as an approximately 31 kDa band as predictedin SDS-PAGE under reducing conditions
<b>Purity</b>	> 92 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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**GENE INFORMATION**

<b>Gene Name</b>	CUTC cutC copper transporter homolog (E. coli) [ Homo sapiens ]
<b>Official Symbol</b>	CUTC
<b>Synonyms</b>	CUTC; cutC copper transporter homolog (E. coli); copper homeostasis protein cutC homolog; CGI 32; CGI-32; RP11-483F11.3;
<b>Gene ID</b>	51076
<b>mRNA Refseq</b>	NM_015960
<b>Protein Refseq</b>	NP_057044
<b>MIM</b>	610101
<b>UniProt ID</b>	Q9NTM9

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