

## Recombinant Human CUTC, His-tagged

Cat. No. CUTC-26654TH Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length protein, corresponding to amino acids 1-273 of Human CUTC with N terminal His tag, Predicted MWt 30 kDa.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-273 a.a.
<b>Description</b>	Members of the CUT family of copper transporters are associated with copper homeostasis and are involved in the uptake, storage, delivery, and efflux of copper (Gupta et al.
<b>Conjugation</b>	HIS
<b>Tissue specificity</b>	Ubiquitous.
<b>Form</b>	Lyophilised:Reconstitute with 81 µl aqua dest.
<b>Storage buffer</b>	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
<b>Sequences of amino</b>	MKRQGASSERKRARIPSGKAGAANGFLMEVCVDSVESAVN AERGGADRIELCSGL

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**acids** SEGGTTPSMGVLQVVKQSVQIPV FVMIRPRGGDFLYSDREIEVMKADIRLAKLYGAD  
GLVF GALTEDGHIDKELCMSLMAICRPLPVTFHRAFDMVHDP MAALETLTLGFER  
VLTSgcdSSALEGLPLIKRLIEQAKG RIVVMPGGGITDRNLQRILEGSGATEFHCSAR  
STRDSG MKFRNSSVAMGASLSCSEYSLKVTDVTKVRTLNAIAKN ILV

**Sequence Similarities** Belongs to the CutC family.

**Full Length** Full L.

## GENE INFORMATION

**Gene Name** CUTC cutC copper transporter homolog (E. coli) [ Homo sapiens ]

**Official Symbol** CUTC

**Synonyms** CUTC; cutC copper transporter homolog (E. coli); copper homeostasis protein cutC homolog; CGI 32;

**Gene ID** 51076

**mRNA Refseq** NM\_015960

**Protein Refseq** NP\_057044

**MIM** 610101

**Uniprot ID** Q9NTM9

**Chromosome Location** 10q24.31

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**Function**

copper ion binding; copper ion binding; copper ion binding; metal ion binding;

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