

## Recombinant Human CUTC, His-tagged

**Cat. No.** CUTC-26653TH    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human CUTC with an N terminal His tag; 293aa, 31.5kDa inclusive of tag.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	273 amino acids
<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>Molecular Weight</b>	31.500kDa inclusive of tags
<b>Tissue specificity</b>	Ubiquitous.
<b>Form</b>	Liquid
<b>Purity</b>	>95% by SDS-PAGE
<b>Storage buffer</b>	pH: 8.00 Constituents: 0.32% Tris HCl, 10% Glycerol, 0.08% DTT, 1.17% Sodium chloride

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<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Sequences of amino acids</b>	MGSSHHHHHSSGLVPRGSHMKRQGASSERKRARIPSGKAGAANGFLMEVCVDS VESAVNAERGGADRIELCSGLSEGGTTPSMGVLQVVKQSVQIPVFMIRPRGGDFL YSDREIEVMKADIRLAKLYGADGLVFGALTEDGHIDKELCMLMAICRPLPVTFFHRAF DMVHDPMAALETLLTLGFERVLTSGCDSSALEGLPLIKRLIEQAKGRIVVMPGGGITD RNLQRILEGSGATEFHCSARSTRDSGMKFRNSSVAMGASLSCSEYSLKVTDVTKVR TLNAIAKNILV
<b>Sequence Similarities</b>	Belongs to the CutC family.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	<a href="#">CUTC cutC copper transporter homolog (E. coli) [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">CUTC</a>
<b>Synonyms</b>	CUTC; cutC copper transporter homolog (E. coli); copper homeostasis protein cutC homolog; CGI 32;
<b>Gene ID</b>	<a href="#">51076</a>
<b>mRNA Refseq</b>	<a href="#">NM_015960</a>
<b>Protein Refseq</b>	<a href="#">NP_057044</a>
<b>MIM</b>	<a href="#">610101</a>
<b>Uniprot ID</b>	<a href="#">Q9NTM9</a>

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<b>Chromosome Location</b>	10q24.31
<b>Function</b>	copper ion binding; copper ion binding; copper ion binding; metal ion binding;

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