

Recombinant Human CUTC, His-tagged

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

SPECIFICATION

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

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHHSSGLVPRGSHMKRQGASSERKRARIPSGKAGAANGFLMEVCVDS VESAVNAERGGADRIELCSGLSEGGTTPSMGVLQVVKQSVQIPVFVMIRPRGGDFL YSDREIEVMKADIRLAKLYGADGLVFGALTEDGHIDKELCMSLMAICRPLPVTFFHRAF DMVHDPMAALETLLTLGFERVLTSGCDSSALEGLPLIKRLIEQAKGRIVVMPGGGITD RNLQRILEGSGATEFHCSARSTRDSGMKFRNSSVAMGASLSCSEYSLKVTDVTKVR TLNAIAKNILV
Sequence Similarities	Belongs to the CutC family.
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

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Chromosome Location	10q24.31
Function	copper ion binding; copper ion binding; copper ion binding; metal ion binding;