

Recombinant Human CUTC, His-tagged

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

SPECIFICATION

Product Overview	Recombinant full length protein, corresponding to amino acids 1-273 of Human CUTC with N terminal His tag, Predicted MWt 30 kDa.
Species	Human
Source	E.coli
ProteinLength	1-273 a.a.
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
Tissue specificity	Ubiquitous.
Form	Lyophilised:Reconstitute with 81 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino	MKRQGASSERKRARIPSGKAGAANGFLMEVCVDSVESAVN AERGGADRIELCSGL

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acids	SEGGTTPSMGVLQVVKQSVQIPV FVMIRPRGGDFLYSDREIEVMKADIRLAKLYGAD GLVF GALTEDGHIDKELCMSLMAICRPLPVTFHRAFDMMVHDP MAALETLLTLGFER 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

Function

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

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