

Recombinant Human CUTC protein, His & S-tagged

Cat. No. CUTC-1835H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CUTC aa. (Met1~Val273 (Accession # Q9NTM9)) fused with N-terminal His & S tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Met1~Val273
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., 1995 [PubMed 7635807]; Li et al., 2005 [PubMed 16182249]).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 35.7kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h,

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and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	6.8

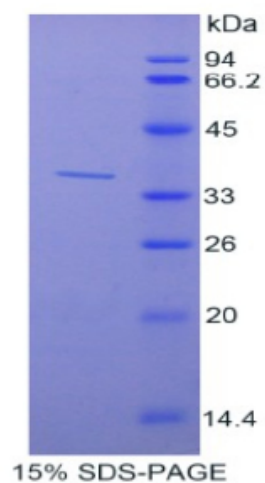
GENE INFORMATION

Gene Name	CUTC cutC copper transporter [Homo sapiens (human)]
Official Symbol	CUTC
Synonyms	CUTC; cutC copper transporter; CGI-32; copper homeostasis protein cutC homolog; cutC copper transporter homolog
Gene ID	51076
mRNA Refseq	NM_015960.2
Protein Refseq	NP_057044.2
UniProt ID	Q9NTM9

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SDS-PAGE

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