

# Recombinant Full Length Human CUTC Protein, GST-tagged

**Cat. No.** CUTC-2401HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human CUTC full-length ORF ( AAH21105.1, 1 a.a. - 273 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<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., 1995 [PubMed 7635807]; Li et al., 2005 [PubMed 16182249]).[supplied by OMIM, Mar 2008]
<b>Molecular Mass</b>	55.7 kDa
<b>AA Sequence</b>	MKRQGASSERKRARIPSGKAGAANGFLMEVCVDSVESAVNAERGGADRIELCSGL SEGGTTPSMGVLQVVKQSVQIPVFMIRPRGGDFLYSDREIEVMKADIRLAKLYGAD GLVFGALTEDGHIDKELCMSLMAICRPLPVTFHRAFDMVHDPMAALETLLTLGFERV LTSGCDSSALEGLPLIKRLIEQAKGRIVVMPGGGITDRNLQRILEGSGATEFHCSARS TRDSGMKFRNSSVAMGASLSCSEYSLKVTDVTKVRTLNAIAKNILV
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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**Protein Array**

<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**GENE INFORMATION**

<b>Gene Name</b>	CUTC cutC copper transporter homolog (E. coli) [ Homo sapiens ]
<b>Official Symbol</b>	CUTC
<b>Synonyms</b>	CUTC; cutC copper transporter homolog (E. coli); copper homeostasis protein cutC homolog; CGI 32; CGI-32; RP11-483F11.3;
<b>Gene ID</b>	51076
<b>mRNA Refseq</b>	NM_015960
<b>Protein Refseq</b>	NP_057044
<b>MIM</b>	610101
<b>UniProt ID</b>	Q9NTM9

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