Recombinant Human CUTC Protein, GST-tagged

Cat. No. CUTC-2138H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CUTC full-length ORF (AAH21105.1, 1 a.a. - 273 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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]).[supplied by OMIM, Mar 2008]
Molecular Mass	55.7 kDa
AA Sequence	MKRQGASSERKRARIPSGKAGAANGFLMEVCVDSVESAVNAERGGADRIELCSGL SEGGTTPSMGVLQVVKQSVQIPVFVMIRPRGGDFLYSDREIEVMKADIRLAKLYGAD GLVFGALTEDGHIDKELCMSLMAICRPLPVTFHRAFDMVHDPMAALETLLTLGFERV LTSGCDSSALEGLPLIKRLIEQAKGRIVVMPGGGITDRNLQRILEGSGATEFHCSARS TRDSGMKFRNSSVAMGASLSCSEYSLKVTDVTKVRTLNAIAKNILV
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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

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; CGI-32; RP11-483F11.3;
Gene ID	51076
mRNA Refseq	NM_015960
Protein Refseq	NP_057044
MIM	610101
UniProt ID	Q9NTM9

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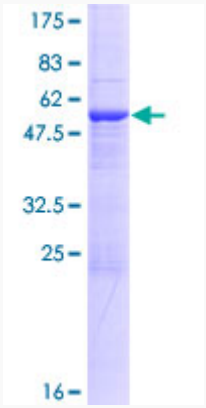
Quality Control Testing:	 12.5% SDS-PAGE Stained with Coomassie Blue.

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