

## Product datasheet for **TP305748L**

### CUTC (NM\_015960) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human cutC copper transporter homolog (E. coli) (CUTC), 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC205748 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MKRQGASSERKRARIPSGKAGAANGFLMEVCVDSVESAVNAERGGADRIELCSGLSEGTTSPSMGVLQVV  
KQSVQIPVFMIRPRGGDFLYSDREIEVMKADIRLAKLYGADGLVFGALTEDGHIDKELCMSLMAICRPL  
PVTFHRAFDMVHDPMAALETLLTLGFERVLTSGCDSSALEGLPLIKRLIEQAKGRIVMPGGGITDRNLQ  
RILEGSGATEFHCSARSTRDSGMKFRNSSVAMGASLSCSEYSLKVTDVTKVRTLNIAIAKNILV

**SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 29.2 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_057044](#)

**Locus ID:** 51076

**UniProt ID:** [Q9NTM9](#)



[View online »](#)

RefSeq Size: 1378

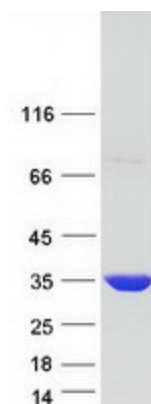
Cytogenetics: 10q24.2

RefSeq ORF: 819

Synonyms: CGI-32

**Summary:** 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]

### Product images:



Coomassie blue staining of purified CUTC protein (Cat# [TP305748]). The protein was produced from HEK293T cells transfected with CUTC cDNA clone (Cat# [RC205748]) using MegaTran 2.0 (Cat# [TT210002]).