

**CUTC, 1-273aa, Human, His tag, E.coli**

**Cat.NO.: TP01790**

3th Edition

**Synonyms:**Copper homeostasis protein cutC homolog, CGI-32.

**Description:**CUTC is a member of the Cut family and is suggested to be involved in efflux trafficking of cuprous ion. The Cut family was associated with the copper homeostasis and involved in several important metabolisms, such as uptake, storage, delivery, and efflux of copper.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 5mM DTT, 10% glycerol, 200mM NaCl

**Molecular Weight:**31.5kDa (293a), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMKRQGASSERKRARIPSGKAGAANGFLMEVCVDSVESAVNAERGGADRIELCSG  
LSEGGTTPSMGVLQVVKQSVQIPVFVMIRPRGGDFLYSDREIEVMKADIRLAKLYGADGLVFGALTEDGHIDKELCM  
SLMAICRPLPVTTFHRAFDMVHDPMAALETLLTLGFERVLTSGCDSSALEGLPLIKRLIEQAKGRIVVMPGGGITDRNL  
QRILEGSGATEFHCSARSTRDSGMKFRNSSVAMGASLSCSEYSLKVTDVTKVRTLNIAKNILV

**Purity:**> 95% by HPLC

**Concentration:**0.5mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.