

## Product datasheet for **AR39123PU-N**

### CUTC (1-273, His-tag) Human Protein

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | CUTC (1-273, His-tag) human recombinant protein, 0.1 mg  |
| Species:                              | Human  |
| Expression Host:                      | E. coli  |
| Expression cDNA Clone or AA Sequence: | <u>MGSSHHHHHH SSGLVPRGSH</u> MKRQGASSER KRARIPSGKA GAANGFLMEV CVDSVESAVN AERGGADRIE LCSGLSEGGT TPSMGVLQVV KQSVQIPV FV MIRPRGGDFL YSDREIEVMK ADIRLAKLYG ADGLVFGALT EDGHIDKELC MSLMAICRPL PVTFHRAFDM VHDPMAALET LLTLGFERVL TSGCDSSALE GLPLIKRLIE QAKGRIVVMP GGGITDRNLQ RILEGSGATE FHCSARSTRD SGMKFRNSSV AMGASLSCSE YSLKVTDVTK VRTLNAIAKN ILV |
| Tag:                                  | His-tag  |
| Predicted MW:                         | 31.5 kDa   |
| Concentration:                        | lot specific   |
| Purity:                               | >95%   |
| Buffer:                               | Presentation State: Purified<br>State: Liquid purified protein<br>Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 5 mM DTT, 10% glycerol, 200 mM NaCl   |
| Preparation:                          | Liquid purified protein  |
| Protein Description:                  | Recombinant human CUTC protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.  |
| Storage:                              | Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.   |
| Stability:                            | Shelf life: one year from despatch.  |
| RefSeq:                               | <u>NP_057044</u>   |
| Locus ID:                             | 51076  |
| UniProt ID:                           | <u>Q9NTM9</u>  |
| Cytogenetics:                         | 10q24.2  |
| Synonyms:                             | CGI-32   |



[View online »](#)

**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:**