

Product datasheet for **AR39123PU-L**

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

Product data:

Product Type:	Recombinant Proteins
Description:	CUTC (1-273, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MKRQGASSER KRARIPSGKA GAANGFLMEV CVDSVESAVN AERGGADRIE LCSGLSEGGT TPSMGVLQVW 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 State: Liquid purified protein 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



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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: