9051 Mira Mesa Blvd, #910094
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CUTC Human

cutC Copper Transporter Homolog Human Recombinant
RCP0593

Product Overview

Name	CUTC Human
Description	
cutC Copper Transporter Homolog Human Recombinant	
Accession (Primary)	Q9NTM9
Synonyms	
Copper homeostasis protein cutC homolog, CUTC, CGI-32, RP11-483F11.3.	
Introduction	
CUTC belongs to the Cut family and may be involved in efflux trafficking of cuprous ion. The Cut family is linked with the copper homeostasis and involved in several vital metabolisms, such as uptake, storage, delivery, and efflux of copper. Copper which is an essential heavy metal trace element has an imperative role in cell physiology.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
CUTC protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 5mM DTT, 10% glycerol and 200mM NaCl.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MKRQGASSER KRARIPSGKA GAANGFLMEV CVDSVESAVN AERGGADRIE LCSGLSEGGT TPSMGVLQVV KQSVQIPVFV MIRPRGGDFL YSDREIEVMK ADIRLAKLYG ADGLVFGALT EDGHIDKELC MSLMAICRPL PVTFHRAFDM VHDPMAALET LLTLGFERVL TSGCDSSALE GLPLIKRLIE QAKGRIVVMP GGGITDRNLQ RILEGSGATE FHCSARSTRD SGMKFRNSSV AMGASLSCSE YSLKVTDVTK VRTLNAIAKN ILV.	

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Precautions

CUTC Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9NTM9)