

cutC Copper Transporter Homolog Human Recombinant

Item Number	rAP-4493
Synonyms	Copper homeostasis protein cutC homolog, CUTC, CGI-32, RP11-483F11.3.
Description	CUTC Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 293 amino acids (1-273 a.a) and having a molecular mass of 31.5kDa.CUTC is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q9NTM9
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MKRQGASSER KRARIPSGKA GAANGFLMEV CVDSVESAVN AERG- GADRIE LCSGLSEGGT TPSMGVLQVV KQSVQIPV FV MIRPRGGDFL YSDREIEVMK ADIRLAKLYG ADGLVFGALT EDGHIDKELC MSLMAICRPL PVTFHRAFDM VHDPMAALET LLTLGFERVL TSGCDSSALE GLPLIKRLIE QAKGRIVVMP GGGITDRNLQ RILEGSGATE FHCSARSTRD SGMKFRNSSV AMGASLSCSE YSLKVTDVTK VRTLNAIAKN ILV.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. 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.
Formulation and Purity	CUTC protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 5mM DTT, 10% glycerol and 200mM NaCl. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**