9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

# CUTA Human

*CutA Divalent Cation Tolerance Homolog Human Recombinant*
*RCP0592*

## Product Overview

| | |
|---|---|
| Name | CUTA Human |
| **Description** | |
| CutA Divalent Cation Tolerance Homolog Human Recombinant | |
| Accession (Primary) | O60888 |
| **Synonyms** | |
| ACHAP, C6orf82, MGC111154, cutA divalent cation tolerance homolog, CUTA. | |
| **Introduction** | |
| CUTA is the 179 amino acid mammalian homolog of the cutA E. coli protein and is ubiquitously expressed, particularly in brain tissue. CUTA participates in cellular tolerance to a broad range of divalent cations other than copper. The CUTA protein is a cytoplasmic protein, encoded by the single-gene operon and has been related to divalent cation tolerance. | |
| **Source** | |
| Escherichia Coli. | |
| **Physical Appearance** | |
| Sterile filtered colorless solution. | |
| **Formulation** | |
| CUTA Human solution containing 20mM Tris-HCl pH-8, 1mM DTT, and 10% glycerol. | |
| **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). Please prevent freeze thaw cycles. | |
| **Purity** | |
| Greater than 95% as determined by SDS-PAGE. | |
| **Amino acid sequence** | |
| MRLLLLPRVL LTMASGSPPT QPSPASDSGS GYVPGSVSAA FVTCPNEKVA KEIARAVVEK RLAACVNLIP QITSIYEWKG KIEEDSEVLM MIKTQSSLVP ALTDFVRSVH PYEVAEVIAL PVEQGNFPYL QWVRQVTESV SDSITVLP L E HHHHHH . | |
| **Precautions** | |
| CUTA Human is for research use only and not for use in diagnostic or therapeutic procedures. | |

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# Target Information: ( O60888 )