

CUTA Human

Description: CUTA Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 156 amino acids (33-179 a.a.) and having a molecular mass of 17.1 kDa. CUTA protein is fused to an 8 amino acid His-Tag at C-terminus and purified by standard chromatography.

Catalog #: PRPS-819

For research use only.

Synonyms: ACHAP, C6orf82, MGC111154, cutA divalent cation tolerance homolog, CUTA.

Source: Escherichia Coli.

Physical Appearance: Sterile filtered colorless solution.

Amino Acid Sequence: MRLLLLPRVL LTMASGSPPT QPSPASDSGS GYVPGSVSAA
FVTCPNKVA KEIARAVVEK RLAACVNLP QITSIYEWKG KIEEDSEVLM MIKTQSSLVP
ALTDVRSVH PYEVAEVAL PVEQGNFPYL QWVRQVTESV SDSITVLPLE HHHHHH.

Purity: Greater than 95% as determined by SDS-PAGE.

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. They may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

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.

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