

Recombinant Human CUTA, His-tagged

Cat. No. CUTA-2367H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CUTA protein, fused to His-tag at C-terminus, was expressed in <i>E. coli</i> and purified by using conventional chromatography techniques. 17.1 kDa (156aa).
Species	Human
Source	<i>E. coli</i>
Protein Length	33-179 aa
Description	CUTA, also known as ACHAP (acetylcholinesterase-associated protein), is the 179 amino acid mammalian homolog of the cutA <i>E. coli</i> protein and is ubiquitously expressed, particularly in brain tissue. CUTA is thought to be involved in cellular tolerance to a wide variety of divalent cations other than copper. The CUTA protein is a cytoplasmic protein, encoded by the single-gene operon and has been linked to divalent cation tolerance.
Form	Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 1mM DTT, 10% glycerol.
Purity	> 95% by SDS - PAGE.
Concentration	1 mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MRLLLLPRVL LTMASGSPPT QPSPASDSGS GYVPGSVSAA FVTC PNEKVA KEIAR AVVEK RLAACVNLP QITSIYEWKG KIEEDSEVLM MIKTQSSLVP ALTDFVRSVH

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PYEVAEVIAL PVEQGNFPYL QWVRQVTESV SDSITVLPLE HHHHHH.

Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION
Gene Name

CUTA cutA divalent cation tolerance homolog (E. coli) [Homo sapiens]

Synonyms

cutA divalent cation tolerance homolog (E. coli); ACHAP; C6orf82; MGC111154; CUTA; protein CutA; divalent cation tolerant protein CUTA; acetylcholinesterase-associated protein; brain acetylcholinesterase putative membrane anchor; Acetylcholinesterase-associated protein; chromosome 6 open reading frame 82; cutA divalent cation tolerance homolog; Brain acetylcholinesterase putative membrane anchor

Gene ID

51596

mRNA Refseq

NM_001014433

Protein Refseq

NP_001014433

UniProt ID

O60888

Chromosome Location

6pter-p21.31

Function

enzyme binding

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