

Recombinant Rattus CutA Divalent Cation Tolerance Homolog (E. coli)

Cat. No. Cuta-446R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rattus CutA1 cloned from Rattus norvegicus Cdna was expressed in <i>E. coli</i> . The protein consists of the CutA1 (residues 21-146, NCBI accession NP_997659). MW = 13.5 kDa.
Species	Rat
Source	E.coli
ProteinLength	21-146 a.a.
Description	CutA may play a role in anchoring acetylcholinesterase in neuronal cell membranes. It may be involved in signal transduction [RGD].
Purity	> 95% by SDS-PAGE. The protein was observed as a single band migrating at a molecular weight of (<20 kDa).
Supplied As	1.0mg/ml in 50mM Tris pH8.0, 300mM NaCl. The concentration is calculated from the absorbance at 280nm ($e_{280} = 16620 \text{ M}^{-1}\text{cm}^{-1}$)
Characteristics	Under the above described conditions, to avoid precipitation or protein dimerization, the product can be concentrated to a maximum of 3 mM.
Storage	-20°C. The protein is stable at 4°C for at least 2 weeks and at 25°C for at least several hours. After initial defrost, aliquot product into individual tubes and refreeze at -20°C.

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Avoid repeated freeze/defrost cycles.

GENE INFORMATION

Gene Name	Cuta cutA divalent cation tolerance homolog (E. coli) [Rattus norvegicus]
Synonyms	Cuta; cutA divalent cation tolerance homolog (E. coli); CutA1; cutA divalent cation tolerance homolog; divalent cation tolerant protein CUTA; divalent cation tolerant protein cuta
Gene ID	294288
mRNA Refseq	NM_001164706
Protein Refseq	NP_001158178
UniProt ID	Q6MGD0
Chromosome Location	p12
Function	enzyme binding; enzyme binding

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