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Datasheet for ABIN1097418
CUTA Protein (AA 1-156) (His tag)

Overview

Quantity:	50 µg
Target:	CUTA
Protein Characteristics:	AA 1-156
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CUTA protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Protein CutA (C-6His)
Sequence:	MPALLPVASR LLLLPRVLLT MASGSPPTQP SPASDSGSGY VPGSVSAAFV TCPNEKVAKE IARAVVEKRL AACVNLIPIQI TSIYEWKGKI EEDSEVLMMI KTQSSLVPAL TDFVRSVHPY EVAEVIALPV EQGNFPYLQW VRQVTESVSD SITVLPLEHH HHHH
Characteristics:	Recombinant Human Protein CutA/CUTA is produced by our E. coli expression system. The target protein is expressed with sequence (Met1-Pro156) of Human CUTA fused with a His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	CUTA
Alternative Name:	Protein CutA (CUTA Products)
Sub Type:	Fusionprotein
Background:	<p>Protein CutA (CUTA) possesses a signal peptide and is widely expressed in brain. CUTA may form part of a complex of membrane proteins attached to acetylcholinesterase (AChE). CUTA takes part in cellular tolerance to a broad range of divalent cations other than copper. Alternate transcriptional splice variants, both protein-coding and non-protein-coding, have been found.</p> <p>Alternative Names: Protein CutA, Acetylcholinesterase-Associated Protein, Brain Acetylcholinesterase Putative Membrane Anchor, CUTA, ACHAP, C6orf82</p>
Molecular Weight:	17.9 kDa
UniProt:	O60888

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH₂O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM TrisHCl, 1 mM DTT, pH 8.0.
Preservative:	Dithiothreitol (DTT)
Precaution of Use:	This product contains Dithiothreitol (DTT): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	<p>Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at < -20°C for 3 months.</p>
Expiry Date:	3 months