

# Recombinant Human CUTA Protein (His Tag)

Catalog Number:PKSH032954



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

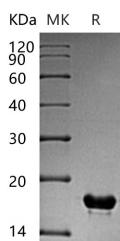
## Description

<b>Synonyms</b>	Protein CutA;Acetylcholinesterase-Associated Protein;Brain Acetylcholinesterase Putative Membrane Anchor;CUTA;ACHAP;C6orf82
<b>Species</b>	Human
<b>Expression Host</b>	E.coli
<b>Sequence</b>	Met 1-Pro156
<b>Accession</b>	O60888
<b>Calculated Molecular Weight</b>	17.9 kDa
<b>Observed molecular weight</b>	17 kDa
<b>Tag</b>	C-His

## Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution of 20mM Tris-HCl, 1mM DTT, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Reconstitution</b>	Please refer to the specific buffer information in the printed manual for detailed information.

## Data



> 95 % as determined by reducing SDS-PAGE.

## Background

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.

## For Research Use Only

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