



# Recombinant Protein Technical Manual

## Recombinant Human CUTA Protein (His Tag)

RPES3046

### Product Data:

**Product SKU:** RPES3046

**Size:** 10µg

**Species:** Human

**Expression host:** E. coli

**Uniprot:** O60888

### Protein Information:

**Molecular Mass:** 17.9 kDa

**AP Molecular Mass:** 17 kDa

**Tag:** C-6His

**Bio-activity:**

**Purity:** > 95 % as determined by reducing SDS-PAGE.

**Endotoxin:** < 1.0 EU per µg as determined by the LAL method.

**Storage:** 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.

**Shipping:** This product is provided as lyophilized powder which is shipped with ice packs.

**Formulation:** Lyophilized from a 0.2 µm filtered solution of 20mM TrisHCl, 1mM DTT, pH 8.0.

**Reconstitution:** Please refer to the printed manual for detailed information.

**Application:**

**Synonyms:** Protein CutA; Acetylcholinesterase-Associated Protein; Brain Acetylcholinesterase Putative Membrane Anchor; CUTA; ACHAP; C6orf82

## Immunogen Information:

**Sequence:** Met 1-Pro156

## 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.