

## 32-7233: Recombinant Human Protein CutA (C-6His)

**Gene :** CUTA  
**Gene ID :** 51596  
**Uniprot ID :** O60888

### Description

Source: E.coli.  
MW :17.9kD.

Recombinant Human Protein CutA is produced by our E.coli expression system and the target gene encoding Met1-Pro156 is expressed with a 6His tag at the C-terminus. 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.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM TrisHCl, 1mM DTT, pH 8.0.  
Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks.  
**Storage condition :** Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** MPALLPVASRLLLLPRVLLTMASGSPPTQPSPASDSGSGYVPGSVSAAFVTCPNKVAKEIARAVVEKRLAACVN  
LIPQITSIYEWKGGKIEEDSEVLMMIKTQSSLVPALTDVFRSVHPYEVAEVIALPVEQGNFPYLQWVRQVTEVS  
SDSITVLPLEHHHHHHH

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.