

Recombinant Human CUTA

Catalog No: #GP12839



Package Size: #GP12839-1 100ug

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Description

Product Name	Recombinant Human CUTA
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 33-179 amino acids of human CUTA
Target Name	cutA divalent cation tolerance homolog
Other Names	ACHAP; C6orf82
Accession No.	Swissprot:O60888Gene Accession:BC005890
Uniprot	O60888
GeneID	51596;
Storage	-20~-80°C, pH 7.6 PBS

Background

CUTA, also known as ACHAP (acetylcholinesterase-associated protein), is the 179 amino acid mammalian homolog of the cutA E. coli protein and is ubiquitously expressed, particularly in brain tissue. Existing as multiple alternatively spliced isoforms, CUTA functions as a homotrimer that is thought to act as a component of an acetylcholinesterase (AChE)-attached complex, suggesting an involvement in AChE regulation. The gene encoding CUTA maps to human chromosome 6, which contains 170 million base pairs and comprises nearly 6% of the human genome. Deletion of a portion of the q arm of chromosome 6 is associated with early onset intestinal cancer, suggesting the presence of a cancer susceptibility locus. Additionally, Porphyria cutanea tarda, Parkinsons disease, Stickler syndrome and a susceptibility to bipolar disorder are all associated with genes that map to chromosome 6.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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