

Recombinant Human APEH

Catalog No: #GP10904



Package Size: #GP10904-1 100ug

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Description

Product Name	Recombinant Human APEH
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 433-732 amino acids of human APEH
Target Name	acylaminoacyl-peptide hydrolase
Other Names	APH; OPH; AARE; ACPH; D3S48E; D3F15S2; DNF15S2
Accession No.	Swissprot:P13798Gene Accession:BC000362
Uniprot	P13798
GeneID	327;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes the enzyme acylpeptide hydrolase, which catalyzes the hydrolysis of the terminal acetylated amino acid preferentially from small acetylated peptides. The acetyl amino acid formed by this hydrolase is further processed to acetate and a free amino acid by an aminoacylase. This gene is located within the same region of chromosome 3 (3p21) as the aminoacylase gene, and deletions at this locus are also associated with a decrease in aminoacylase activity. The acylpeptide hydrolase is a homotetrameric protein of 300 kDa with each subunit consisting of 732 amino acid residues. It can play an important role in destroying oxidatively damaged proteins in living cells. Deletions of this gene locus are found in various types of carcinomas, including small cell lung carcinoma and renal cell carcinoma.

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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