

## CPE 抗原（重组蛋白）

中文名称： CPE 抗原（重组蛋白）

英文名称： CPE Antigen (Recombinant Protein)

别名： carboxypeptidase E; CPH

储存： 冷冻（-20℃）

相关类别 抗原

### 概述

Fusion protein corresponding to a region derived from 277-476 amino acids of human CPE

### 技术规格

<b>Full name:</b>	carboxypeptidase E
<b>Synonyms:</b>	CPH
<b>Swissprot:</b>	P16870
<b>Gene Accession:</b>	BC033866
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	This gene encodes a member of the M14 family of metallo-carboxypeptidases. The encoded preproprotein is proteolytically processed to generate the mature peptidase. This peripheral membrane protein cleaves C-terminal amino acid residues and is involved in the biosynthesis of peptide hormones and neurotransmitters, including insulin. This protein may also function independently of its peptidase activity, as a neurotrophic factor that promotes neuronal survival, and as a sorting r

ceptor that binds to regulated secretory pathway proteins, including prohormones. Mutations in this gene are implicated in type 2 diabetes.