

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

Full name:	carboxypeptidase E
Synonyms:	CPH
Swissprot:	P16870
Gene Accession:	BC033866
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	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 receptor that binds to regulated secretory pathway proteins, including

prohormones. Mutations in this gene are implicated in type 2 diabetes.