

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℃)

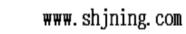
相关类别 抗原

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:	СРН
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 metallocarboxype ptidases. The encoded preproprotein is proteolytically processed to ge nerate the mature peptidase. This peripheral membrane protein cleave s 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 diabete





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