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Datasheet for ABIN7534442  
**CPE Protein (His tag)**

### Overview

Quantity:	100 µg
Target:	CPE
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CPE protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human Carboxypeptidase E/CPE Protein
Sequence:	MAGRGGSSALL ALCGALAACG WLLGAEAQEP GAPAAAGMRRR RRLQQEDGIS FEYHRYPELR EALVSVWLQC TAISRIYTVG RSFEGRELLV IELSDNPGVH EPGEPEFKYI GNMHGNEAVG RELLIFLAQY LCNEYQKGNE TIVNLIHSTR IHIMP SLNPD GFEKAASQPG ELKDWVFGRS NAQGIDLNRN FPDLDRIYVY NEKEGGPNNH LLKNMKKIVD QNTKLAPETK AVIHWIMDIP FVLSANLHGG DLVANYPYDE TRSGSAHEYS SSPDDAIFQS LARAYSSFNP AMSDPNRPPC RKNDDDSSFV DGT TNGGAWY SVPGGMQDFN YLSSNCFEIT VELSCEKFPP EETLKTYWED NKNSLISYLE QIHRGVKGFV RDLQGNPIAN ATISVEGIDH DV TSAKDGDY WRLLIPGNYK LTASAPGYLA ITKKVAVPYS PAAGVDFELE SFS
Specificity:	Met1-Ser453
Purity:	> 90 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	< 0.1 EU/µg of the protein by LAL method.

## Target Details

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Target:	CPE
Alternative Name:	Carboxypeptidase E/CPE ( <a href="#">CPE Products</a> )
Background:	CPE,CPH
Gene ID:	1363
UniProt:	<a href="#">P16870-1</a>
Pathways:	<a href="#">Peptide Hormone Metabolism</a> , <a href="#">Synaptic Membrane</a>

## Application Details

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Restrictions:	For Research Use only
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## Handling

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Format:	Lyophilized
Reconstitution:	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Buffer:	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Storage:	-20 °C,-80 °C
Storage Comment:	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.