

Datasheet for ABIN7607349

**CPE Protein (AA 42-453) (His tag)**[Go to Product page](#)

## Overview

Quantity:	50 µg
Target:	CPE
Protein Characteristics:	AA 42-453
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CPE protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), ELISA, Immunogen (Imm), Activity Assay (AcA)

## Product Details

Purpose:	Recombinant Human CPE Protein, C-His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured by its ability to cleave a peptide substrate, benzoyl-AR-OH. The product, Arg, is reacted with orthophthaldialdehyde (OPA) to form a fluorescent molecule. The specific activity is >12,000 pmol/min/µg, as measured under the described conditions.

## Target Details

Target:	CPE
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## Target Details

Alternative Name:	Prohormone-processing carboxypeptidase ( <a href="#">CPE Products</a> )
Background:	Prohormone-processing carboxypeptidase, Enkephalin convertase, CPE, Carboxypeptidase H, Carboxypeptidase E, CPH
UniProt:	<a href="#">P16870</a>
Pathways:	<a href="#">Peptide Hormone Metabolism</a> , <a href="#">Synaptic Membrane</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Expiry Date:	12 months