

Datasheet for ABIN7320627

CPQ Protein (His tag)**1** Image[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	CPQ
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CPQ protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse CPQ/PGCP Protein (His Tag)
Sequence:	Lys19-Ser470
Characteristics:	Recombinant Mouse Plasma glutamate carboxypeptidase is produced by our Mammalian expression system and the target gene encoding Lys19-Ser470 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	CPQ
Alternative Name:	CPQ/PGCP (CPQ Products)
Background:	Background: Carboxypeptidase Q (Cpq) is a member of the peptidase M28 family. PGCP is involved in a number of fundamental biological processes such as the hydrolysis of circulating

Target Details

peptides, catalyzing the hydrolysis of dipeptides with unsubstituted terminals into amino acids. Carboxypeptidase may play an important role in the liberation of thyroxine hormone from its thyroglobulin (Tg) precursor. The monomeric form is inactive while the homodimer is active. Synonym: PGCP,Carboxypeptidase Q,Hematopoietic lineage switch 2,Plasma glutamate carboxypeptidase,Cpq,Hls2

Molecular Weight: 50.9 kDa

UniProt: [Q9WVJ3](#)

Application Details

Restrictions: For Research Use only

Handling

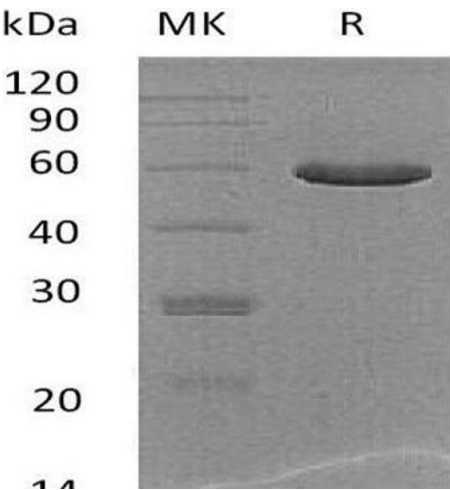
Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM PB,150 mM NaCl, pH 7.4.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

Images



Western Blotting

Image 1.