

Datasheet for ABIN7320703

Carboxypeptidase A2 Protein (His tag)**1** Image[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	Carboxypeptidase A2 (CPA2)
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Carboxypeptidase A2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse CPA2 Protein (His Tag)
Sequence:	Gln17-Tyr417
Characteristics:	Recombinant Mouse Carboxypeptidase A2 is produced by our Mammalian expression system and the target gene encoding Gln17-Tyr417 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:	Carboxypeptidase A2 (CPA2)
Alternative Name:	CPA2 (CPA2 Products)
Background:	Background: Mouse carboxypeptidase A2(CPA2) is a secreted pancreatic procarboxy - peptidase which belongs to the peptidase M14 family. CPA2 consists of a signal peptide, a pro region and a mature chain. It can be activated after cleavage of the pro peptide. CPA2 cleaves

Target Details

the C-terminal amide or ester bond of peptides that have a free C-terminal carboxyl group. The hydrolytic action of CPA2 was identified with a preference towards long substrates with aromatic amino acids in their C-terminal end, particularly tryptophan.

Synonym: CPA2,Carboxypeptidase A2

Molecular Weight: 46.2 kDa

UniProt: [Q504N0](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

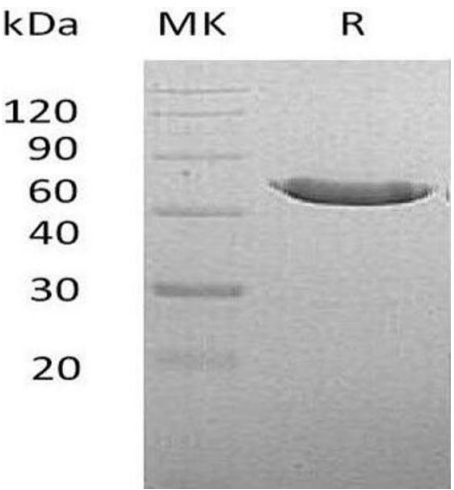
Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM TrisHCl, 150 mM NaCl, pH 8.0.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Images



Western Blotting

Image 1.