

Carboxypeptidase A4, human recombinant
CPA4, CPA3
Catalog # PBV11514r**Specification**

Carboxypeptidase A4, human recombinant - Product info

Primary Accession [O9UI42](#)
Calculated MW **46.6 kDa KDa**

Carboxypeptidase A4, human recombinant - Additional Info

Gene ID **51200**

Other Names
CPA4, CPA3

Gene Source **Human**
Source **Baculovirus**
Assay&Purity **SDS-PAGE;> 95%**
Recombinant **Yes**
Sequence **GQEKFFGDQV LRINVRNGDE ISKLSQLVNS
NNLKLNFWKS PSSFNRPVDV LVPSVSLQAF
KSFLRSQGLE YAVTIEDLQA LLDNEDDEM
HNEGQERSSN NFNYGAYHSL EAIYHEMDNI
AADFPDLARR VKIGHSFENR PMYVLKFSTG
KGVRRPAVWL NAGIHSREWI SQATAIWTAR
KIVSDYQRDP AITSILEKMD IFLLPVANPD
GYVYTQTQNR LWRKTRSRNP GSSCIGADPN
RNWNASFAGK GASDNPCEV YHGPHANSEV
EVKSVVDFIQ KHGNFKGFID LHSYSQLLMY
PYGYSVKKAP DAEELDKVAR LAAKALASVS
GTEYQVGPTC TTVYPASGSS IDWAYDNGIK
FAFTFELRDT GTYGFLPAN QIIPTAEETW
LGLKTIMEHV RDNLYLEHHH HHH**

Target/Specificity
CPA4

Format
Liquid

Storage
-70°C;In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Carboxypeptidase A4, human recombinant - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Carboxypeptidase A4, human recombinant - Images

Carboxypeptidase A4, human recombinant - Background

CPA4, also known as carboxypeptidase A4, is a secreted, zinc-dependent metallocarboxypeptidase that removes the C-terminal amino acid from peptides having a free C-terminal carboxyl group. CPA4 is synthesized as zymogens that are activated by proteolytic cleavage. Recombinant human CPA4, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.