

**CPA4, 17-421aa, Human, His tag, Baculovirus**

**Cat.NO.: TP01696**

3th Edition

**Synonyms:** Carboxypeptidase A4, CPA4, CPA3

**Description:** 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.

**Form:** Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

**Molecular Weight:** 46.6kDa (413aa), 40-57kDa (SDS-PAGE under reducing conditions.)

**Sequences:**

GQEKFFGDQVLRINVRNGDEISKLSQLVNSNNLKLNFWKSPSSFNRPVLDVLVPSVSLQAFKSFLRSQGLEYAVTIED  
LQALLDNEDDEMQRHNEGQERSSNNFNFGAYHSLEAIYHEMDNIAADFPDLARRVKIGHSFENRPMYVLKFSTGKG  
VRRPAVWLNAGIHSREWISQATAIWTARKIVSDYQRDPAITSILEKMDIFLLPVANPDGYVYTQTQNRLWRKTRSRN  
PGSSCIGADPNRNWNASFAGKGASDNPCSEVYHGPHANSEVEVKSVDIFIQKHGNFKGFIDLHSYSQLLMPYGY  
SVKKAPDAEELDKVARLAALKALASVSGTEYQVGPTCTTVYPASGSSIDWAYDNGIKFAFTFELRDTGTYGFLPANQ  
IIPTAEETWLGLKTIMEHVRDNLYLEHHHHHH

**Purity:** > 95% by HPLC

**Concentration:** 1mg/ml (determined by Absorbance at 280nm)

**Endotoxin Level:** <1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.