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

产品货号: TP01696

第三版

别名: Carboxypeptidase A4, CPA4, CPA3

描述: CPA4, also known as carboxypeptidase A4, is a secreted, zinc-dependent metalloproteinase 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.

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

分子量: 46.6kDa (413aa), 40-57kDa (SDS-PAGE under reducing conditions.)

序列:

GQEKFFGDQVLRINVRNGDEISKLSQLVNSNNLKLNFWKSPSSFNRPVDVLVPSVSLQAFKSFLRSQGLEAYVTIEDLQALL
DNEDDEMQRHNEGQERSNNFNFGAYHSLEAIYHEMDNIAADFPDLARRVKIGHSFENRPMYVLKFSTGKGVRRPAVWL
NAGIHSREWISQATAIWTARKIVSDYQRDPAITSILEKMDIFLLPVANPDGYVYTQTQNRLLWRKTRSRNPGSSCIGADPNR
NWNASFAGKGASDNPCSEVYHGHANSEVEVKSVDVFIQKHGNFKGFIDLHSYSQLLMYPYGYSVKKAPDAEELDKVAR
LAAKALASVSGTEYQVGPCTTVYPASGSSIDWAYDNGIKFAFTFELRDTGTYGFLLPANQIIPTAETWLGLKTIMEHVRD
NLYLEHHHHHH

纯度: > 95% by HPLC

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

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.