Carboxypeptidase A4, human recombinant

CATALOG NO: P1034-10 10 µg
P1034-50 50 µg

ALTERNATE NAMES: CPA4, CPA3

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

SOURCE: Baculovirus

PURITY: > 95% by SDS-PAGE

MOL. WEIGHT: This protein is fused with 6x His tag at C-terminus and the protein has a calculated MW of 46.6 kDa (413aa). The protein migrates as 40-57 KDa in SDS-PAGE under reducing conditions.

ENDOTOXIN LEVEL: < 1.0 EU per 1µg of protein (determined by LAL method)

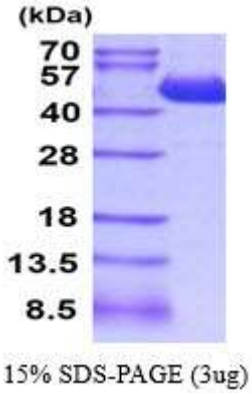
FORM: Liquid

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

STORAGE CONDITIONS: Store at +4°C for short term (1-2 weeks). For long term storage, aliquot and store at -70°C. Avoid repeated freeze/thaw cycles.

SEQUENCE: GQEKFFGDQV LRINVRNGDE ISKLSQLVNS NNLKLNFWKS PSSFNRPVDV LVPSVSLQAF KSFLRSQGLE YAVTIEDLQA LLDNEDDEMQ HNEGQERSSN NFNYGAYHSL EAIYHEMDNI AADFPDLARR VKIGHSFENR PMYVLKFSTG KGVRRPAVWL NAGIHSREWI SQATAIWTAR KIVSDYQRDP AITSILEKMD IFLLPVANPD GYVYTQTQNR LWRKTRSRNP GSSCIGADPN RNWNASFAGK GASDNPCSEV YHGPHANSEV EVKSVVDFIQ KHGNFKGFID LHSYSQLLMY PYGYSVKKAP DAEELDKVAR LAAKALASVS GTEYQVGPTC TTVYPASGSS IDWAYDNGIK FAFTFELRDT GTYGFLLPAN QIIPTAEETW LGLKTIMEHV RDNLYLEHHH HHH

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.



Human recombinant Carboxypeptidase A4

RELATED PRODUCT:

- Carboxypeptidase A1 (CPA1) Antibody (**Cat. No. 3829-100)**
- Carboxypeptidase A1 (CPA1) Blocking Peptide **(Cat. No. 3825BP-50)**
- Carboxypeptidase A2 (CPA2) Antibody **(Cat. No. 3816-100)**
- Carboxypeptidase A2 (CPA2) Blocking Peptide **(Cat. No. 3816BP-50)**
- ACE Antibody (CT) **(Cat. No. 6703-100)**
- NAALDase Inhibitor, PMPA **(Cat. No. 1135-100)**
- NAALDase Inhibitor, PMPA **(Cat. No. 2478-5, -25)**

FOR RESEARCH USE ONLY! Not to be used on humans.