

Carboxypeptidase A4 Human Recombinant

Item Number	rAP-1487
Synonyms	Carboxypeptidase A4, Carboxypeptidase A3, CPA3, EC 3.4.17.1, EC 3.4.17.-, EC 3.4.17, Carboxypeptidase A4, Carboxypeptidase A3.
Description	CPA4 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 413 amino acids (17-421a.a.) and having a molecular mass of 46.6kDa (Molecular size on SDS-PAGE will appear at approximately 40-57kDa).
Uniprot Accession Number	Q9UI42
Amino Acid Sequence	GQEKFFGDQV LRINVRNGDE ISKLSQLVNS>NNLKLNFWKS PSSFNRPV DV LVPSVSLQAF KSFLRSQGLE YAVTIEDLQA LLDNEDDEM Q HNEGQERSSN NFNYGAYHSL EAI- YHEMDNI AADFPDLARR VKIGHSFENR PMYVLKFSTG KGVRRPAVWL NAGIHSREWI SQATAIWTAR KIVSDYQRDP AITSILEKMD IFLLPVANPD GYVYTQTQNR LWRKTRSRNP GSSCIGADPN RNWNASFAGK GAS- DNPCSEV YHGPHANSEV EVKSVVDFIQ KHGNFKGFID LHSYSQLLMY PYGYSVKKAP DAEELDKVAR LAA-
Source	Sf9, Baculovirus cells.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	CPA4 protein solution (1mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**