

Recombinant Carboxypeptidase B

Catalog No: #RE003



Package Size: #RE003-1 1mg #RE003-2 10mg #RE003-3 100mg #RE003-4 1g

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Description

Product Name	Recombinant Carboxypeptidase B
Storage	Stability of storage: Recombinant carboxypeptidase B lyophilized should be stored under 2-8°C in sealed container. It is stable within 24 months. After dissolved with sterile water or 25mM Tris-HCl, it should be stored under -20°C. It is no activity loss after 10 times repeated freezing and thawing. Stability of transport: The product is stable by blue ice insulation transport.

Product Description

Carboxypeptidase B catalyzes hydrolysis of the basic amino acids lysine, arginine and histidine from the C-terminal end of polypeptides. The molecular weight is 33.8kD, pI is 6.0 and the optimum pH is 7.5-9.0. Carboxypeptidase B is competitively inhibited by arginine and lysine. The enzyme is also inhibited by metal chelating agents, e.g., EDTA. SAB has cloned rat carboxypeptidase B gene into E.coli for expression with equivalent properties compared to animal original carboxypeptidase B. Recombinant carboxypeptidase B can replace native carboxypeptidase B for using in a variety of biotechnological processes.

Note: This product is for in vitro research use only