Sequencing Grade Carboxypeptidase B

Catalog No: #RE011

Package Size: #RE011-1 100ug #RE011-2 1mg

Orders: order@signalwayantibody.com
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Description

Product Name	Sequencing Grade Carboxypeptidase B
Purification	Purity(SDS-PAGE): Single major band Purity(HPLC): β 95%
Species Reactivity	β 200 units/mg pro.
SDS-PAGE MW	33.8±3.4 kDa
Target Sequence	The amino acid sequence of recombinant carboxypeptidase B is identical to rat carboxypeptidase B
Storage	Stability of storage: Sequencing grade 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. Avoid 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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.