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32-20049: Recombinant Rat Carboxypeptidase-B(Discontinued)

Alternative Name : Cpb1

Description

Source:E.coli Proteases (also called Proteolytic Enzymes, Peptidases, or Proteinases) are enzymes that hydrolyze the amide bonds within proteins or peptides. Most proteases act in a specific manner, hydrolyzing bonds at, or adjacent to, specific residues or a specific sequence of residues contained within the substrate protein or peptide. Proteases play an important role in most diseases and biological processes including prenatal and postnatal development, reproduction, signal transduction, the immune response, various autoimmune and degenerative diseases, and cancer. They are also an important research tool, frequently used in the analysis and production of proteins. Carboxypeptidase-B sequentially cleaves C-terminal K and R residues. Recombinant Rat Carboxypeptidase-B is a 35.1 kDa protein consisting of 307 amino acids.

Product Info

Amount : 5 µg / 25 µg

Purification : Purity: >= 95% by SDS-PAGE gel and HPLC analyses.

Content : This recombinant protein is supplied in lyophilized form.

Amino Acid : ASGHSYTKYN NWETIEAWIQ QVATDNPDLV TQSVIGTTFE GRNMYVLKIG KTRPNKPAIF IDCGFHAREW ISPAFCQWFV REAVRTYNQE IHMKQLLDEL DFYVLPVVNI DGYVYTWTKD RMWRKTRSTM AGSSCLGVDP NRNFNAGWCE VGASRSPCSE TYCGPAPESE KETKALADFI RNNLSTIKAY LTIHSYSQMM LYPYSYDYKL PENYEELNAL VKGAAKELAT LHGTKYTYGP GATTIYPAAG GSDDWSYDQG IKYSFTFELR DTGFFGFLLP ESQIRQTCEE TMLAVKYIAN YVREHLY

Application Note

Carboxypeptidase-B sequentially cleaves C terminal K and R residues.