

Recombinant Mouse Carboxypeptidase A2 Protein

Cat.NO.: TP05539

3th Edition

Synonyms:CPA2;Carboxypeptidase A2

Description:Mouse carboxypeptidase A2(CPA2) is a secreted pancreatic procarboxy -peptidase which belongs to the peptidase M14 family. CPA2 consists of a signal peptide, a pro region and a mature chain. It can be activated after cleavage of the pro peptide. CPA2 cleaves the C-terminal amide or ester bond of peptides that have a free C-terminal carboxyl group. The hydrolytic action of CPA2 was identified with a preference towards long substrates with aromatic amino acids in their C-terminal end, particularly tryptophan.

Form:PBS

Molecular Weight:46.2 kDa

Sequences:Gln17-Tyr417

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.