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32-8494: Recombinant Mouse Carboxypeptidase A2/CPA2 (C-6His)

Gene : Cpa2
Gene ID : 232680
Uniprot ID : Q504N0

Description

Source: Human Cells.
MW :46.2kD.
Recombinant Mouse Carboxypeptidase A2 is produced by our Mammalian expression system and the target gene encoding Gln17-Tyr417 is expressed with a 6His tag at the C-terminus. 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.

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of 20mM TrisHCl, 150mM NaCl, pH8.0.
Storage condition :	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid :	QETFVGDQVLEVIPNDEEQIKTLLQLEAEEHLELDFWKSPSVPRQTVHVRVPFASIQDVKVFLESQGITYSIMIED VQVLLDQEREEMLFNQQRERGTNFNFGAYHTLEEIYQEMDNLVAENPGLVSKVNIGSSFENRPMNVLKFSTGG DKPAIWLDAGIHAREWVTQATALWTANKIASDYGTDPAITSLLNTLDVFLLPVTNPDGYVFSQTSNRMWRKTR SKRSGSFCVGVDPNRNWDANFGGPGASSNPCSDSYHGPSPNSEVEVKSIVDFIKSHGKVKAFITLHSYSQLLM FPYGYKCAKPDDFNELDEVAQRAAQSLKRLHGTSYKVGPICSVIYQASGGSIDWAYDLGIKYSFAFELRDTGYY GFLLPAKQILPTAEETWLGLKTIMEHVRDHPYVDHHHHHH

Application Note

Endotoxin : Less than 0.1 ng/ÃÂµg (1 IEU/ÃÂµg) as determined by LAL test.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.