

32-8486: Recombinant Mouse Plasma Glutamate Carboxypeptidase/PGCP (C-6His)

Gene : Cpq
Gene ID : 54381
Uniprot ID : Q9WVJ3

Description

Source: Human Cells.
MW :50.9kD.

Recombinant Mouse Plasma glutamate carboxypeptidase is produced by our Mammalian expression system and the target gene encoding Lys19-Ser470 is expressed with a 6His tag at the C-terminus. Carboxypeptidase Q (Cpq) is a member of the peptidase M28 family. PGCP is involved in a number of fundamental biological processes such as the hydrolysis of circulating peptides, catalyzing the hydrolysis of dipeptides with unsubstituted terminals into amino acids. Carboxypeptidase may play an important role in the liberation of thyroxine hormone from its thyroglobulin (Tg) precursor. The monomeric form is inactive while the homodimer is active.

Product Info

Amount : 10 µg / 50 µg
Content : Supplied as a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.
Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid : KAVFKNGVSQRTFREIKEEIANYEDVAKAIINLAVYGKYQNSYERLGLLVDTVGPRLSGSKNLEKAIQIMYQNLQ
QDGLNVHLEQVRIPHWERGEESAVMLEPRIHKMAILGLGSSIGTPPGGITAEVLVVASFDELQRRASEARGKII
VYNQPYTGYEKTVYRVQGAVEAAKVGAVASLIQSVASFSIYSPHTGIQKYQDGVPKIPTACITVEDAEMMSRM
ASRGNKIVIHLEMGAKTYPDTDSFNTVAEITGSMYPPEEVLVSGHLDSWDVGGALDDGGGAFISWEALSLVK
DLGLRPKRTLRLVLWTAEEQGGIGASQYYELHKANISKYSLVMEADSGTFLPTGLQFTGSDKARAIMKEVMNLL
QPLNVTKVFSNGEGTDINFWIQAGVPGASLRDDLYKYFFHHSHGDTMTVMDPKQMNVAADVAVVAVVVA
DMDEMLPRVDHHHHHHH

Application Note

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