



Recombinant Mouse Plasma Glutamate Carboxypeptidase/PGCP Protein(C-6His)

Cat.NO.: TP05943

3th Edition

Synonyms:PGCP;Carboxypeptidase Q;Hematopoietic lineage switch 2;Plasma glutamate carboxypeptidase;Cpq;Hls2

Description: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.

Form:PBS

Molecular Weight:50.9 kDa

Sequences:Lys19-Ser470

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.