

## Product datasheet for **TP727225**

### Cpq Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse Plasma Glutamate Carboxypeptidase/PGCP (C-6His)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Lys19-Ser470
Tag:	C-His
Buffer:	Supplied as a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Note:	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.
Storage:	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Stability:	12 months from date of despatch
Locus ID:	54381
UniProt ID:	<a href="#">Q9WVJ3</a>
Summary:	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.



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