

Recombinant Mouse Cpq Protein, Myc/DDK-tagged

Cat. No. Cpq-2295M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length carboxypeptidase Q (Cpq), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Carboxypeptidase that may play an important role in the hydrolysis of circulating peptides. Catalyzes the hydrolysis of dipeptides with unsubstituted terminals into amino acids. May play a role in the liberation of thyroxine hormone from its thyroglobulin (Tg) precursor.
Molecular Mass	51.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Cpq carboxypeptidase Q [Mus musculus (house mouse)]
Official Symbol	Cpq
Synonyms	Cpq; carboxypeptidase Q; HL; La; Pg; Hls2; Pgcp; Lal-1; 1190003P12Rik; 2610034C17Rik; carboxypeptidase Q; hematopoietic lineage switch 2; plasma glutamate carboxypeptidase; EC 3.4.17.-
Gene ID	54381
mRNA Refseq	NM_018755
Protein Refseq	NP_061225
UniProt ID	Q9WVJ3

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