

## Recombinant Human CPQ Protein, MYC/DDK-tagged

Cat. No. CPQ-3316H    Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                                                                                                                                                                                                 |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant Human CPQ protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.                                                                                                                                                                                  |
| Species          | Human                                                                                                                                                                                                                                                                           |
| 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. |
| Form             | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                           |
| Molecular Mass   | 51.7 kDa                                                                                                                                                                                                                                                                        |
| Purity           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                     |
| Concentration    | >50 ug/mL as determined by microplate BCA method                                                                                                                                                                                                                                |

### GENE INFORMATION

|                 |                                         |
|-----------------|-----------------------------------------|
| Gene Name       | CPQ carboxypeptidase Q [ Homo sapiens ] |
| Official Symbol | CPQ                                     |

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|                |             |
|----------------|-------------|
| Synonyms       | LDP; PGCP   |
| Gene ID        | 10404       |
| mRNA Refseq    | NM_016134.2 |
| Protein Refseq | NP_057218.1 |
| UniProt ID     | Q9Y646      |

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