

## Recombinant Human CPQ Protein, His-tagged

Cat. No. CPQ-255H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CPQ fused with His tag at N-terminal was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	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.
<b>Form</b>	25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1% Sarkosyl. Store at -80centigrade. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.
<b>Molecular Mass</b>	51.9 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

<b>Gene Name</b>	CPQ carboxypeptidase Q [ Homo sapiens ]
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Official Symbol	CPQ
Synonyms	LDP; PGCP; CPQ;
Gene ID	10404
mRNA Refseq	NM_016134.2
Protein Refseq	NP_057218.1
UniProt ID	Q9Y646

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