Recombinant Human CPQ Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human CPQ fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
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	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 produ cts under proper storage and handling conditions.
Molecular Mass	51.9 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]

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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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