

Recombinant Full Length Human CPQ Protein, C-Flag-tagged

Cat. No. CPQ-1422HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CPQ Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a metallopeptidase that belongs to the peptidase M28 family. The encoded protein may catalyze the cleavage of dipeptides with unsubstituted terminals into amino acids.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	51.7 kDa
AA Sequence	MKFLIAFFGGVHLLSLCSGKAICKNGISKRTFEEIKEEIASCGDVAKAIINLAVYGKAQ NRSYERLALL VDTVGPRLSGSKNLEKAIQIMYQNLQQDGLEKVHLEPVRIPHWERG EESAVMLEPRIHKIAILGLGSSIG TPPEGITAEVLVWTSFDELQRRASEARGKIVVYNQ PYINYSRTVQYRTQGAVEAAKVGALASLIRSVASF SIYSPHTGIQEYQDGVPKIPTAC ITVEDAEMMSRMASHGIKIVIQLKMGAKTYPDTSFNTVAEITGSKY PEQVVLVSGH LDSWDVGQGAMDDGGGAFISWEALSLIKDLGLRPKRTLRLVLWTAEEQGGVGAFQ YYQLH KVNISNYSLVMESDAGTFLPTGLQFTGSEKARAIMEEVMSLLQPLNITQVLS HGEQTDINFWIQAGVPGA SLLDDLYKYFFHHSHGDTMTVMDPKQMNVAADVAVVSYVVADMEEMLPRSTR RPLEQKLISEEDLAANDILDYKDDDDKV

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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.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Protease
Full Length	Full L.

GENE INFORMATION

Gene Name	CPQ carboxypeptidase Q [Homo sapiens (human)]
Official Symbol	CPQ
Synonyms	LDP; PGCP
Gene ID	10404
mRNA Refseq	NM_016134.4
Protein Refseq	NP_057218.1
MIM	618754

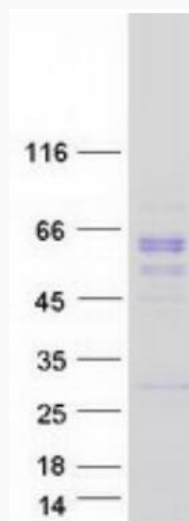
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UniProt ID

Q9Y646



Coomassie blue staining of purified CPQ protein.

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