

## Product datasheet for **TP311315**

### CPO (NM\_173077) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human carboxypeptidase O (CPO), 20 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC211315 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MKPLLETLYLLGMLVPGGLGYDRSLAQHRQEIVDKSVSPWSLETYSYNIYHPMGEIYEWWMREISEKYKEV  
VTQHFLGVTYETHPIYYLKISQPSGNPKKIIWMDCGIHAREWIAPAFQCQWFVKEILQNHKDNSRIRKLLR  
NLDFYVLPVLNIDGYIYTWTDRDLWRKSRSPHNNGTCFGTDLNRNFNASWCSIGASRNCQDQTFCGTGPV  
SEPETKAVASFIESKKDDILCFLTMHSYGQLILTPYGTYTKNKSSNHPEMIQVQGKAANALKAKYGTNYRV  
GSSADILYASSGSSRDWARDIGIPFSYTFELRDSGTYGTVLPEAQIQPTCEETMEAVLSVLDDVYAKHWH  
SDSAGRVTSATMLLGLLVSCMSLL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 42.3 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_775100](#)

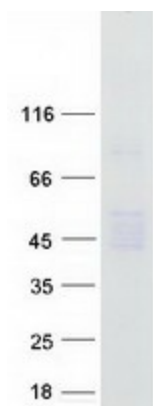
**Locus ID:** 130749



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UniProt ID:	<a href="#">Q8IVL8</a>
RefSeq Size:	1209
Cytogenetics:	2q33.3
RefSeq ORF:	1122
Summary:	This gene is a member of the metallocarboxypeptidase gene family. [provided by RefSeq, Jan 2011]
Protein Families:	Druggable Genome, Protease, Secreted Protein

### Product images:



Coomassie blue staining of purified CPO protein (Cat# TP311315). The protein was produced from HEK293T cells transfected with CPO cDNA clone (Cat# [RC211315]) using MegaTran 2.0 (Cat# [TT210002]).