

# Recombinant Human CPO Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** CPO-3660H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | CPO MS Standard C13 and N15-labeled recombinant protein (NP_775100) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                               |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Description</b>      | This gene is a member of the metallopeptidase gene family.                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Molecular Mass</b>   | 42.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>AA Sequence</b>      | MKPLLETLYLLGMLVPGGLGYDRSLAQHRQEIVDKSVSPWSLETYSYNIYHPMGEIY<br>EWMREISEKYKEVVTQHFLGVTYETHPIYYLKISQPSGNPKKIWMDCGIHAREWIAP<br>AFCQWVFVKEILQNHKDNSRIRKLLRNLDYFVLPVLNIDGYIYTWTTDRLWRKSRSPH<br>NNGTCFGTDLNRNFNASWCSIGASRNCQDQTCGTGPVSEPETKAVASFIESKKDD<br>ILCFLTMHSYGQLILTPYGYTKNKSSNHPMIQVGQKAANALKAKYGTNYRVGSSADI<br>LYASSGSSRDWARDIGIPFSYTFELRDSGTYGTVLPEAQIQPTCEETMEAVLSVLDD<br>VYAKHWHSDSAGRVTSATMLLGLLVSCMSLLTRTRPLEQKLISEEDLAANDILDYKD<br>DDDKV |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Stability</b>        | Stable for 3 months from receipt of products under proper storage and handling conditions.                                                                                                                                                                                                                                                                                                                                                      |

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|                       |                                                             |
|-----------------------|-------------------------------------------------------------|
| <b>Storage</b>        | Store at -80 centigrade. Avoid repeated freeze-thaw cycles. |
| <b>Concentration</b>  | 50 µg/mL as determined by BCA                               |
| <b>Storage Buffer</b> | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                     |

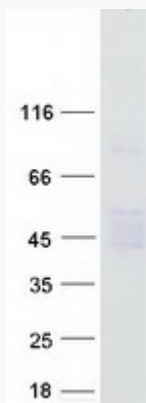
## GENE INFORMATION

|                        |                                                                                                                |
|------------------------|----------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | CPO carboxypeptidase O [ Homo sapiens (human) ]                                                                |
| <b>Official Symbol</b> | CPO                                                                                                            |
| <b>Synonyms</b>        | CPO; carboxypeptidase O; carboxypeptidase O; metallocarboxypeptidase C; metallocarboxypeptidase O; EC 3.4.17.- |
| <b>Gene ID</b>         | 130749                                                                                                         |
| <b>mRNA Refseq</b>     | NM_173077                                                                                                      |
| <b>Protein Refseq</b>  | NP_775100                                                                                                      |
| <b>MIM</b>             | 609563                                                                                                         |
| <b>UniProt ID</b>      | Q8IVL8                                                                                                         |

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**SDS-PAGE**

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