

## Product datasheet for PH315253

### PTCD2 (NM\_024754) Human Mass Spec Standard

#### Product data:

|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Mass Spec Standards   |
| Description:                          | PTCD2 MS Standard C13 and N15-labeled recombinant protein (NP_079030)   |
| Species:                              | Human   |
| Expression Host:                      | HEK293  |
| Expression cDNA Clone or AA Sequence: | RC215253  |
| Predicted MW:                         | 43.8 kDa  |
| Protein Sequence:                     | >RC215253 representing NM_024754<br>Red=Cloning site Green=Tags(s)<br><br>MVRDSMAAAFRRPSNRVLLQALQILVYPGVGGSGSVSCRCPLGAKRYLLTDNVVKLKEFQQKQKAVACNLS<br>GTKETYFRNLKKKLTQNKLIKLGELITLHLCESRDHVELAKNVIYRYHAENKNFTLGEYKFGPLFVRLC<br>YELDLEESAVELMKDQHLRGFFSDSTSFNILMDMLFIKGYKSALQVLIEMKNQDVKFTKDTYVLAFAIC<br>YKLNSPESFKICTTLREEALLKGEILSRRASCFAVALNQNEMAKAVSIFSQIMNPESIACINLNIIH<br>IQSNMLENLIKTLKNAEAGNLSKFVKRHVFSEEVLAKVREKVKDVPALVAKFDEIYGTLHITGQVTTDSL<br>DAVLCHTPRDRKSHLLLLNKRMVSRRTFQPLSQSLLAE<br><br>TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| Tag:                                  | C-Myc/DDK   |
| Purity:                               | > 80% as determined by SDS-PAGE and Coomassie blue staining   |
| Concentration:                        | >0.05 µg/µL as determined by microplate BCA method  |
| Labeling Method:                      | Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine  |
| Buffer:                               | 25 mM Tris-HCl, 100 mM glycine, pH 7.3  |
| Storage:                              | Store at -80°C. Avoid repeated freeze-thaw cycles.  |
| Stability:                            | Stable for 3 months from receipt of products under proper storage and handling conditions.  |
| RefSeq:                               | <u>NP_079030</u>  |
| RefSeq Size:                          | 2103  |
| RefSeq ORF:                           | 1164  |
| Locus ID:                             | 79810   |
| UniProt ID:                           | <u>Q8WV60</u> , <u>A0A024RAM6</u> , <u>B3KPU6</u>   |

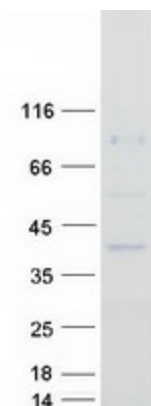


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Cytogenetics: 5q13.2

Summary: Involved in mitochondrial RNA maturation and mitochondrial respiratory chain function.  
[UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified PTCD2 protein (Cat# [TP315253]). The protein was produced from HEK293T cells transfected with PTCD2 cDNA clone (Cat# [RC215253]) using MegaTran 2.0 (Cat# [TT210002]).