

Product datasheet for PH301034

CCDC56 (COA3) (NM_001040431) Human Mass Spec Standard

Product data:

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|---------------------------------------|---|
| Product Type: | Mass Spec Standards |
| Description: | CCDC56 MS Standard C13 and N15-labeled recombinant protein (NP_001035521) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC201034 |
| Predicted MW: | 11.7 kDa |
| Protein Sequence: | >RC201034 protein sequence Red=Cloning site Green=Tags(s) MASSGAGDPLDSKRGEAPFAQRIDPTREKLTPEQLHSMRQAEFAQWQKVLPRRRTRNIVTGLGIGALVLA IYGTYFYISISQERFLDELEDEAKAARARALARASGS TRTRPLEQKLI SEEDLAANDILDYKDDDDKV |
| 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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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: | NP_001035521 |
| RefSeq Size: | 808 |
| RefSeq ORF: | 318 |
| Synonyms: | CCDC56; COX25; HSPC009; MC4DN14; MITRAC12 |
| Locus ID: | 28958 |
| UniProt ID: | Q9Y2R0 , A0A024R1X4 |
| Cytogenetics: | 17q21.2 |

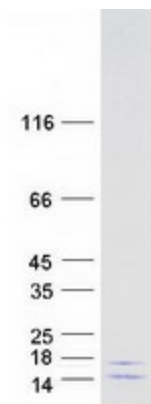


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Summary: This gene encodes a member of the cytochrome c oxidase assembly factor family. Studies of a related gene in fly suggest that the encoded protein is localized to mitochondria and is essential for cytochrome c oxidase function. [provided by RefSeq, Nov 2012]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified COA3 protein (Cat# [TP301034]). The protein was produced from HEK293T cells transfected with COA3 cDNA clone (Cat# [RC201034]) using MegaTran 2.0 (Cat# [TT210002]).