

## Product datasheet for PH316768

### COMMD5 (NM\_001081003) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	COMMD5 MS Standard C13 and N15-labeled recombinant protein (NP_001074472)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC216768
Predicted MW:	24.7 kDa
Protein Sequence:	>RC216768 protein sequence Red=Cloning site Green=Tags(s)  MSAVGAATPYLHHPGDSHSGRVSFLGAQLPPEVAAMARLLGDLDRSTFRKLLKFFVSSSLQGEDCREAVQR LGVSANLPEEQLGALLAGMHTLLQQALRLPPTSLKPDTRDQLQELCIPQDLVGDLASVVFSGSRPLLD VAQQQGAWLPHVADFRWRVDVAISTALARSLQPSVLMQLKLSGDSAYRFEVPTAKFQELRYSVALVLKE MADLEKRCERLQD  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- <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:	<a href="#">NP_001074472</a>
RefSeq Size:	1453
RefSeq ORF:	672
Synonyms:	HCARG; HT002
Locus ID:	28991
UniProt ID:	<a href="#">Q9GZQ3</a>



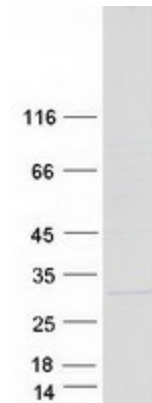
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Cytogenetics: 8q24.3

**Summary:** May modulate activity of cullin-RING E3 ubiquitin ligase (CRL) complexes (PubMed:21778237). Negatively regulates cell proliferation. Negatively regulates cell cycle G2/M phase transition probably by transactivating p21/CDKN1A through the p53/TP53-independent signaling pathway. Involved in kidney proximal tubule morphogenesis (By similarity). Down-regulates activation of NF-kappa-B (PubMed:15799966).[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome

### Product images:



Coomassie blue staining of purified COMMD5 protein (Cat# [TP316768]). The protein was produced from HEK293T cells transfected with COMMD5 cDNA clone (Cat# [RC216768]) using MegaTran 2.0 (Cat# [TT210002]).