

## Product datasheet for PH303301

### C1D (NM\_173177) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	C1D MS Standard C13 and N15-labeled recombinant protein (NP_775269)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203301
Predicted MW:	16 kDa
Protein Sequence:	>RC203301 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MAGEEINEDYPVEIHEYLSAFENSIGAVDEMLKTMSVSRNELLQKLDPLEQAKVDLVSAYTLNSMFWVY LATQGVNPKHEHPVKQELERIRVYMNRVKEITDKKKAGKLDRGAASRFVKNALWEPKSKNASKVANKGKSK S  <b>TR</b> TRPLEQKLISEEDLAANDILDYKDDDDKV
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><a href="#">NP_775269</a></u>
RefSeq Size:	1194
RefSeq ORF:	423
Synonyms:	hC1D; LRP1; Rrp47; SUN-CoR; SUNCOR
Locus ID:	10438
UniProt ID:	<u><a href="#">Q13901</a></u>



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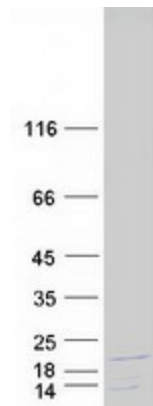
**Cytogenetics:** 2p14

**Summary:** The protein encoded by this gene is a DNA binding and apoptosis-inducing protein and is localized in the nucleus. It is also a Rac3-interacting protein which acts as a corepressor for the thyroid hormone receptor. This protein is thought to regulate TRAX/Translin complex formation. Alternate splicing results in multiple transcript variants that encode the same protein. Multiple pseudogenes of this gene are found on chromosome 10.[provided by RefSeq, Jun 2010]

**Protein Families:** Druggable Genome

**Protein Pathways:** RNA degradation

### Product images:



Coomassie blue staining of purified C1D protein (Cat# [TP303301]). The protein was produced from HEK293T cells transfected with C1D cDNA clone (Cat# [RC203301]) using MegaTran 2.0 (Cat# [TT210002]).