

## Product datasheet for PH301916

### TRIM29 (NM\_012101) Human Mass Spec Standard

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Mass Spec Standards  |
| Description:                          | TRIM29 MS Standard C13 and N15-labeled recombinant protein (NP_036233) |
| Species:                              | Human  |
| Expression Host:                      | HEK293   |
| Expression cDNA Clone or AA Sequence: | RC201916   |
| Predicted MW:                         | 65.8 kDa   |
| Protein Sequence:                     | >RC201916 representing NM_012101<br>Red=Cloning site Green=Tags(s)     |

MEAADASRNSGSSPEARDARSPSPGSLGSLGKADGKDAKTTNGHGGEAAEGKSLGSLKPGEGRSALF  
AGNEWRRPIIQFVESGDDKNSNYFSMDSMEGKRSPYAGLQLGAAKKPPVTFAEKGELRKSIFSES RKPTV  
SIMEPGETRRNSYPRADTGLFSRSKSGSEEVLCDSICIGNKQKAVK SCLVCQASFCELHLKPHLEGA AFRD  
HQLLEPIRDFEARKCPVHGKTMELFCQTDQTCICYLCMFQEHNHSTVTVEEAKAEKETELSLQKEQLQL  
KIIIEIEDEAEKWQKEKDRIKSFTTNEKAILEQNFRDLVRDLEKQKEEVRAALEQREQDAVDQVKVIMDAL  
DERAKVLHEDKQTRQLHSISDSVLFQEFGALMSNYSLPPPLPTYHVLLLEGEGLGQSLGNFKD DLLNVC  
MRHVEKMCKADLSRNFIERNHMENGGDHRYVNNYTN SFGGEWSAPDTMKRYSMYLTPKGGVRTSYQPSSP  
GRFTKETTKQNFNNLYGTKGNYTSRVWEYSSSIQNSDNDLPVVQGS SSSFLKGYPSLMRSQSPKAQPQTW  
KSGKQTMLSHYRPFYVKNKGNGIGSNEAP

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_036233</a>  |
| RefSeq Size:     | 3037   |
| RefSeq ORF:      | 1764   |



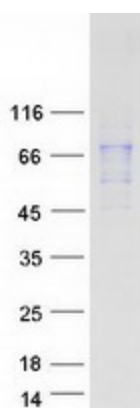
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**Synonyms:** ATDC  
**Locus ID:** 23650  
**UniProt ID:** [Q14134](#), [A0A024R3J1](#)  
**Cytogenetics:** 11q23.3

**Summary:** The protein encoded by this gene belongs to the TRIM protein family. It has multiple zinc finger motifs and a leucine zipper motif. It has been proposed to form homo- or heterodimers which are involved in nucleic acid binding. Thus, it may act as a transcriptional regulatory factor involved in carcinogenesis and/or differentiation. It may also function in the suppression of radiosensitivity since it is associated with ataxia telangiectasia phenotype. [provided by RefSeq, Jul 2008]

**Protein Families:** Transcription Factors

### Product images:



Coomassie blue staining of purified TRIM29 protein (Cat# [TP301916]). The protein was produced from HEK293T cells transfected with TRIM29 cDNA clone (Cat# [RC201916]) using MegaTran 2.0 (Cat# [TT210002]).