

## Product datasheet for PH318521

### TRIM47 (NM\_033452) Human Mass Spec Standard

#### Product data:

|                                       |                                                                                                                                          |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:                         | Mass Spec Standards                                                                                                                      |
| Description:                          | TRIM47 MS Standard C13 and N15-labeled recombinant protein (NP_258411)                                                                   |
| Species:                              | Human                                                                                                                                    |
| Expression Host:                      | HEK293                                                                                                                                   |
| Expression cDNA Clone or AA Sequence: | RC218521                                                                                                                                 |
| Predicted MW:                         | 69.4 kDa                                                                                                                                 |
| Protein Sequence:                     | >RC218521 representing NM_033452<br><span style="color: red;">Red</span> =Cloning site <span style="color: green;">Green</span> =Tags(s) |

MDGSGPFSCPICLEPLREPVTLP CGHNFCLACLGALWPHRGASGAGPGGAARCPLCQEPFPDGLQLRKN  
 HTLSELLQLRQSGPGSGPGPAPALAPEPSAPSALPSVPEPSAPCAPEPWPAGEEPVRCDACPEGAALPA  
 ALSCLSLASFCAHLGPHERSPALRGHRLVPPLRRLEESLCPRHLRPLERYCRAERVCLCEACAAQEHR  
 GHELVPLEQERALQEAQSKVLSAVEDRMDELGAGIAQSRRTVALIKSAVAERERSRFLADAAAALQG  
 FQTQVLGFIEEGEAAMLGRSQGLRRQEEQRSRLSRARQNLQVPEADSVSFLQELLALRLALEDGCGPG  
 PGPPRELSTKSSQAVRAVRDMLAVACVNQWEQLRGPGGNEDGPQKLDSEADAEPQDLESTNLLSEAPR  
 DYFLKFAYIVDLSDTADKFLQLFGTKGVKRVLCPIYPLSPTRFTHCEQVLGEGALDRGTYYWEVEIIE  
 GWVSMGMAEDFSPQEPYDRGRLGRNAHSCCLQWNGRSFSVWFHGLEAPLPHFSPSTVGVCLEYADRALA  
 FYAVRDGKMSLLRRLKASRPRRGIPASPIDPFQSRLD SHFAGLFTHRLKPAFFLESVDAHLQIGPLKKS  
 CISVLKRR

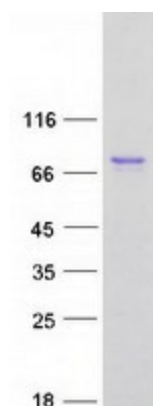
SGPTRTRRLEQKLISEEDLAANDILDYKDDDDKV

|                  |                                                                                                                                                                          |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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_258411</a>                                                                                                                                                |
| RefSeq Size:     | 2268                                                                                                                                                                     |


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|                   |                                                                                                                                  |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------|
| RefSeq ORF:       | 1914                                                                                                                             |
| Synonyms:         | GOA; RNF100                                                                                                                      |
| Locus ID:         | 91107                                                                                                                            |
| UniProt ID:       | <a href="#">Q96LD4</a>                                                                                                           |
| Cytogenetics:     | 17q25.1                                                                                                                          |
| Summary:          | E3 ubiquitin-protein ligase that mediates the ubiquitination and proteasomal degradation of CYLD.[UniProtKB/Swiss-Prot Function] |
| Protein Families: | Druggable Genome                                                                                                                 |

### Product images:



Coomassie blue staining of purified TRIM47 protein (Cat# [TP318521]). The protein was produced from HEK293T cells transfected with TRIM47 cDNA clone (Cat# [RC218521]) using MegaTran 2.0 (Cat# [TT210002]).