

## Product datasheet for PH303950

### PHYHIPL (NM\_032439) Human Mass Spec Standard

#### Product data:

|                                       |                                                                                                                                    |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:                         | Mass Spec Standards                                                                                                                |
| Description:                          | PHYHIPL MS Standard C13 and N15-labeled recombinant protein (NP_115815)                                                            |
| Species:                              | Human                                                                                                                              |
| Expression Host:                      | HEK293                                                                                                                             |
| Expression cDNA Clone or AA Sequence: | RC203950                                                                                                                           |
| Predicted MW:                         | 42.5 kDa                                                                                                                           |
| Protein Sequence:                     | >RC203950 protein sequence<br><span style="color: red;">Red</span> =Cloning site <span style="color: green;">Green</span> =Tags(s) |

MEVPRLDHALNSPTSPCEEVIKNLSLEAIQLCDRDGNKSQDSGIAEMEELPVPHNIKISNITCDSFKISW  
 EMDSKSKDRITHYFIDLNKKENKNSNKFHKDVPTKLVAKAVPLPMTVRGHWFLSPRTEYTVAVQTASKQ  
 VDGDYVYVSEWSEIIEFCTADYSKVHLTQLEKAEVIAGRMLKFSVFYRNQHKKEYFDYVREHHGNAMQPSV  
 KDNSGSHGSPISGKLEGIFFSCSTEFNTGKPPQDSPYGRYRFEIAAEKLFNPNTNLYFGDFYCMYTAYHY  
 VILVIAPVGPSPGDEFCKQRLPQLNSKDNKFLTCTEEDGVLVYHHAQDVILEVIYTDVDSLGTVAEITG  
 HQLMSLSTANAKKDPSCCTCNISVGR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

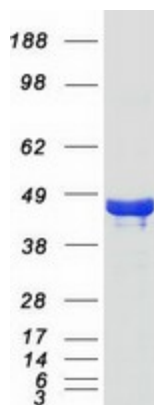
|                  |                                                                                                                                                                          |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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>NP_115815</u>                                                                                                                                                         |
| RefSeq Size:     | 3581                                                                                                                                                                     |
| RefSeq ORF:      | 1128                                                                                                                                                                     |
| Locus ID:        | 84457                                                                                                                                                                    |
| UniProt ID:      | <u>Q96FC7</u>                                                                                                                                                            |


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**Cytogenetics:** 10q21.1

**Summary:** May play a role in the development of the central system.[UniProtKB/Swiss-Prot Function]

**Product images:**



Coomassie blue staining of purified PHYHIPL protein (Cat# [TP303950]). The protein was produced from HEK293T cells transfected with PHYHIPL cDNA clone (Cat# [RC203950]) using MegaTran 2.0 (Cat# [TT210002]).