

## Product datasheet for PH311084

### TSR1 (NM\_018128) Human Mass Spec Standard

#### Product data:

|                                       |                                                                                                                                    |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:                         | Mass Spec Standards                                                                                                                |
| Description:                          | TSR1 MS Standard C13 and N15-labeled recombinant protein (NP_060598)                                                               |
| Species:                              | Human                                                                                                                              |
| Expression Host:                      | HEK293                                                                                                                             |
| Expression cDNA Clone or AA Sequence: | RC211084                                                                                                                           |
| Predicted MW:                         | 91.8 kDa                                                                                                                           |
| Protein Sequence:                     | >RC211084 protein sequence<br><span style="color: red;">Red</span> =Cloning site <span style="color: green;">Green</span> =Tags(s) |

MAAHRPGPLKQQNKAHKGGRHRGRGSAQRDQKGRALAKTLKKVRKELSRVDQRHRASQLRKQKKEAVLA  
 EKRQLGGKDGPPHQVLVPLHSRISLPEAMQLLQDRDTGTVHLNELGNTQNFMLLCPRLKHRWFFTSARP  
 GDLHVVLDMAKVADTILFLDPLEGWDSTGDYCLSLFAQGLPTYTLAVQGISGLPLKKQIDTRKKLSKA  
 VEKRFPHDKLLLLDTQQEAGMLLRQLANQKQHLAFRRRAYLFAHAVDFVPSENNLVGTLKISGYVRG  
 QTLNVNRLHHIVGYGDFQMKQIDAPGDPFPLNPRGIKPKQKDPDMAMEICATDAVDDMEGLKVLKADPG  
 RQESLQAEVIPDPMEGEQTWPTEELSEAKDFLKESSKVVKKVPKGTSSYQAEWILDGGSQSGGEGDEYE  
 YDDMEHEDFMEESQDESSEEEEEYETMTIGESVHDDL YDKKVDEEAEAKMLEKYKQERLEEMFPDEVDT  
 PRDVAARIRFQKYRGLKSFRTSPWDPKENLPQDYARIFQFQNFNTNRKSIKFEVEEKEVEGAEVGWYVTL  
 HVSEVPVSVECFRQGTPLIAFSLLPHEQKMSVLNMVVRDPGNTEPVKAKEELIFHCGFRFRFRASPLFS  
 QHTAADKHLQRFLTADMALVATVYAPITFPASVLLFKQKSNGMHS LIATGHLMSVDPDRMVIKRVVLS  
 GHPFKIFTKMAVVRMFFNREDVLWFKPVELRTKWGRRGHIKEPLGTHGHMKCSFDGKLKSQDTVLMNLY  
 KRVPFKWTYDPYVPEVPWLKSEISSTVPQGGME

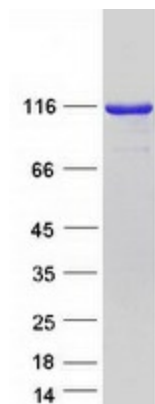
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

|                  |                                                                                                                                                                          |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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:          | <a href="#">NP_060598</a>                                                                                                                                                |


[View online »](#)

|               |                                                                                                          |
|---------------|----------------------------------------------------------------------------------------------------------|
| RefSeq Size:  | 4890                                                                                                     |
| RefSeq ORF:   | 2412                                                                                                     |
| Locus ID:     | 55720                                                                                                    |
| UniProt ID:   | <u><a href="#">Q2NL82</a></u>                                                                            |
| Cytogenetics: | 17p13.3                                                                                                  |
| Summary:      | Required during maturation of the 40S ribosomal subunit in the nucleolus.[UniProtKB/Swiss-Prot Function] |

### Product images:



Coomassie blue staining of purified TSR1 protein (Cat# [TP311084]). The protein was produced from HEK293T cells transfected with TSR1 cDNA clone (Cat# [RC211084]) using MegaTran 2.0 (Cat# [TT210002]).