

## Product datasheet for PH321811

### C7orf57 (NM\_001100159) Human Mass Spec Standard

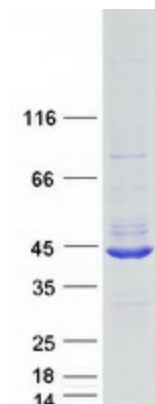
#### Product data:

|                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:                         | Mass Spec Standards                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Description:                          | C7orf57 MS Standard C13 and N15-labeled recombinant protein (NP_001093629)                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Species:                              | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Expression Host:                      | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Expression cDNA Clone or AA Sequence: | RC221811                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Predicted MW:                         | 32.7 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Protein Sequence:                     | <p>&gt;RC221811 representing NM_001100159</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MRNTSKELQGATHRYAPCDWYYHVPVKRSEKAVDAPPASQIPGLSNLGDSHSENLPGTRRYWIKETDSEY<br/>           VKLAKQGGRPDLLKHFAPGTRKGSVPVAYSLPDWYIHHSKPPTASQQEVRAVSMPPDYMVHEEFNPDQANGS<br/>           YASRRGPFDFDMKTVWQREAELEKEKKLRLPAIDSKYLSKAGTPLGPKNPAGSRLSFPPVPGQKNSSP<br/>           TNFSKLSNGYKDEWLQQQQRADSKRTPKTSRASVLSQSPRDLEGPQDAARLQDAEASEGPEDTPESSQ<br/>           SPEESVSASTPAELK</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| 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_001093629</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RefSeq Size:                          | 2167                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| RefSeq ORF:                           | 885                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Locus ID:                             | 136288                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| UniProt ID:                           | <u>Q8NEG2</u> , <u>Q86XB5</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |


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Cytogenetics: 7p12.3

## Product images:



Coomassie blue staining of purified C7orf57 protein (Cat# [TP321811]). The protein was produced from HEK293T cells transfected with C7orf57 cDNA clone (Cat# [RC221811]) using MegaTran 2.0 (Cat# [TT210002]).