

## Product datasheet for PH318956

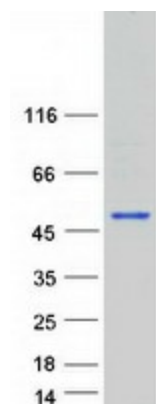
### DMRTB1 (NM\_033067) Human Mass Spec Standard

#### Product data:

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| Product Type:            | Mass Spec Standards                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Description:             | DMRTB1 MS Standard C13 and N15-labeled recombinant protein (NP_149056)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Species:                 | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Expression Host:         | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Expression cDNA Clone or | RC218956                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| AA Sequence:             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Predicted MW:            | 36 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Protein Sequence:        | <p>&gt;RC218956 representing NM_033067<br/> <span style="color: red;">Red</span>=Cloning site <span style="color: green;">Green</span>=Tags(s)</p> <p>MADKMVRTPKCSRNRHGFVLPVKGHAGKCRWKQCLCEKCYLISERQKIMAAQKVLKTQAAEEQEAAALC<br/> AQGPKQASGAAAAAPAPVPVPAASLRPLSPGTPSGDADPGPEGRAAACFFEQPPRGRNPGPRALQPVLGG<br/> RSHVEPSERAAMVPSLAGPPFGAEEAGSGYPGLDLRRPMRTVPGPLFTDFVRPLNINPDRLGPEYPG<br/> GSSMHPYCPFPLGYLDAPPGVPLQQGFRHVSRSQYGGGLVSEPGGDFQPSYYLPPPPPLPPLPLPPQ<br/> PQFLPPGYLSALHFLPPPPPPPPSSFSLTVLFDTKENTDDQDAEVLSGEPSQPSSQEQSD</p> <p><span style="color: red;">TR</span><span style="color: green;">TRPLEQKLISEEDLAANDILDYKDDDDKV</span></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> C6, <sup>15</sup> N4]-L-Arginine and [U- <sup>13</sup> C6, <sup>15</sup> N2]-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><a href="#">NP_149056</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| RefSeq Size:             | 1907                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |



RefSeq ORF: 1026  
Locus ID: 63948  
UniProt ID: [Q96MA1](#)  
Cytogenetics: 1p32.3

**Product images:**

Coomassie blue staining of purified DMRTB1 protein (Cat# [TP318956]). The protein was produced from HEK293T cells transfected with DMRTB1 cDNA clone (Cat# [RC218956]) using MegaTran 2.0 (Cat# [TT210002]).