

## Product datasheet for PH321546

### dystrophia myotonica containing WD repeat motif (DMWD) (NM\_004943) Human Mass Spec Standard

#### Product data:

**Product Type:** Mass Spec Standards  
**Description:** DMWD MS Standard C13 and N15-labeled recombinant protein (NP\_004934)  
**Species:** Human  
**Expression Host:** HEK293  
**Expression cDNA Clone or AA Sequence:** RC221546  
**Predicted MW:** 70.3 kDa  
**Protein Sequence:** >RC221546 representing NM\_004943  
 Red=Cloning site Green=Tags(s)

MAAGGAEGGSGPGAAMGDCAEIKSQFRTREGFYKLLPGDGAARRSGPASAQTPVPPQPPQPPGPASASG  
 PGAAGPASSPPPAGPGPALPAVRLSLVRLGEPDSAGAGEPPATPAGLGSGGDRVCFNLGRELYFYPGC  
 CRRGSQRSIDLNKPIDKRIYKGTQPTCHDFNQFTAATETISLLVGFSAQVQYLDLIKDDTSKLFNEERL  
 IDKTKVTYKWLPESESLFLASHASGHLYLNVSHPCASAPPQYSLLKQGEFVSYAAKSKAPRNPLAKW  
 AVGEGPLNEFAFSPDGRHLACVSQDGLRVFHFDSMLLRGLMKS YFGLLCVCWSPDGRYVVTGGEDDLV  
 TVWSFTEGRVVARGHGHSWVNAVAFDPYTTAEAAATAAGADGERSGEEEEEEPEAAGTGSAGGAPLSP  
 LPKAGSITYRFGSAGDTQFCLWDLTEDVLYPHPLARTRTLPGTPGTPPAASSSRGGEPGPGPLPRSL  
 SRSNSLPHPAGGGKAGGPGVAAEPGTFPSIGRFATLTLQERRDRGAEKEHKRYHSLGNI SRGGSGGSGSG  
 GEKPSGPVPRSLDPAKVLGTALCPRIHEVPLLEPLVCKKIAQERLTVLLFLEDCIITACQEGLICTWAR  
 PGKAFTDEETEAQTGEGSWPRSPSKSVVEGISSQPGNSPSGTVV

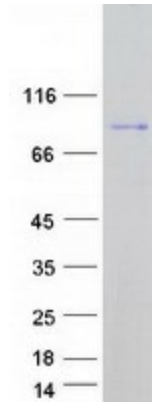
TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**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:** [NP\\_004934](#)



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|               |   |
|---------------|---|
| RefSeq Size:  | 3308  |
| RefSeq ORF:   | 2022  |
| Synonyms:     | D19S593E; DMR-N9; DMRN9; gene59                 |
| Locus ID:     | 1762  |
| UniProt ID:   | <a href="#">Q09019</a> , <a href="#">Q8WUW6</a> |
| Cytogenetics: | 19q13.32  |

**Product images:**

Coomassie blue staining of purified DMWD protein (Cat# [TP321546]). The protein was produced from HEK293T cells transfected with DMWD cDNA clone (Cat# [RC221546]) using MegaTran 2.0 (Cat# [TT210002]).