

## Product datasheet for PH306100

### Meis homeobox 3 (MEIS3) (NM\_020160) Human Mass Spec Standard

#### Product data:

|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Mass Spec Standards   |
| Description:                          | MEIS3 MS Standard C13 and N15-labeled recombinant protein (NP_064545) |
| Species:                              | Human   |
| Expression Host:                      | HEK293  |
| Expression cDNA Clone or AA Sequence: | RC206100  |
| Predicted MW:                         | 46.2 kDa  |
| Protein Sequence:                     | >RC206100 protein sequence<br>Red=Cloning site Green=Tags(s)          |

MARRYDELPHYPGIVDGPAAALASFPETVPAVPGPYGPHRPPQPLPPGLDSDGLKREKDEIYGHPLFPLLA  
LVFEKCELATCSPRDGAGAGLGTTPPGDVCSSDSFNEDIAAFAKQVRSERPLFSSNPELDNLMIQAIQVL  
RFHLLLELEKVHDLCDNFCHRYITCLKGKMPIDLVIEDRDGGCREDFEDYPASCPSLPDQNNMWRDHEDS  
GSVHLGTPGPSSGGLASQSGDNSSDQGDGLDTSVASPSSGGEDELDQERRRNKKRGIIFPKVATNIMRAW  
LFQHLRRSEAPVLPDVCLGLGSPSPGPRWARPWGSDCGRPGRQSDSCWWLQHPYPSEEQKKQLAQTGL  
TILQVNNWFINARRRIVQPMIDQSNRTGQGAASFPEGQPIGGYTETQPHVAVRPPGSGMSLNLEGEWHY  
L

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><a href="#">NP_064545</a></u>   |
| RefSeq Size:     | 2166   |
| RefSeq ORF:      | 1263   |
| Synonyms:        | MRG2   |

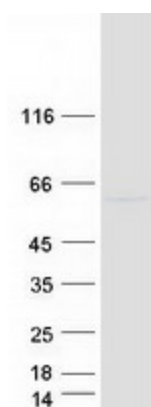


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Locus ID: 56917  
UniProt ID: [Q99687](#)  
Cytogenetics: 19q13.32

**Summary:** This gene encodes a homeobox protein and probable transcriptional regulator. The orthologous protein in mouse controls expression of 3-phosphoinositide dependent protein kinase 1, which promotes survival of pancreatic beta-cells. [provided by RefSeq, Sep 2016]

### Product images:



Coomassie blue staining of purified MEIS3 protein (Cat# [TP306100]). The protein was produced from HEK293T cells transfected with MEIS3 cDNA clone (Cat# [RC206100]) using MegaTran 2.0 (Cat# [TT210002]).