

## Product datasheet for PH301846

### ARIH2 (NM\_006321) Human Mass Spec Standard

#### Product data:

|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Mass Spec Standards   |
| Description:                          | ARIH2 MS Standard C13 and N15-labeled recombinant protein (NP_006312) |
| Species:                              | Human   |
| Expression Host:                      | HEK293  |
| Expression cDNA Clone or AA Sequence: | RC201846  |
| Predicted MW:                         | 57.6 kDa  |
| Protein Sequence:                     | >RC201846 representing NM_006321<br>Red=Cloning site Green=Tags(s)    |

MSVDMNSQGSNEDYDPNCEEEEEEDDPGDIEDYVGVASDVEQQGADAFDPEEYQFTCLTYKESE  
GALNEHMTSLASVLKVSHSVAKLILVNFHWQVSEILDYKNSAQLLVEARVQPNPSKHVPTSHPPHCA  
VCMQFVRKENLLSLACQHQFCRSCWEQHCSVLVKDGVGVGVSCMAQDCPLRTPEDFVFPPLPNEELREKY  
RRYLFRDYVESHYQLQLCPGADCPMIVRQEPARRVQCNRNEVFCFKCRQMYHAPTDCATIRKWLTKC  
ADDSETANYISAHTKDCPKCNICIEKNGGCMHMQCCKHDFCWMCLGDWKTGHGSEYYECSRYKENPDIV  
NQSQAQAREALKKYLFFERWENHNKSLQLEAQTYQRIHEKIQERVMNNLGTWIDWQYLQNAKLLAKK  
RYTLQYTPYAYYMEGPRKLLFEYQQAQLEAEIENLSWKVERADSYDRGDLENQMHIAEQRRRTLLKDF  
HDT

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_006312</a></u>   |
| RefSeq Size:     | 3892   |
| RefSeq ORF:      | 1479   |



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**Synonyms:** ARI2; TRIAD1

**Locus ID:** 10425

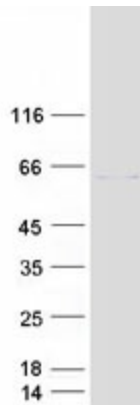
**UniProt ID:** [O95376](#), [Q6IBL8](#)

**Cytogenetics:** 3p21.31

**Summary:** The protein encoded by this gene is an E3 ubiquitin-protein ligase that polyubiquitinates some proteins, tagging them for degradation. The encoded protein upregulates p53 in some cancer cells and may inhibit myelopoiesis. Several transcript variants encoding different isoforms have been found for this gene, although the full-length nature of some of them have not been determined yet. [provided by RefSeq, Nov 2015]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified ARIH2 protein (Cat# [TP301846]). The protein was produced from HEK293T cells transfected with ARIH2 cDNA clone (Cat# [RC201846]) using MegaTran 2.0 (Cat# [TT210002]).