

## Product datasheet for PH323111

### Pirin (PIR) (NM\_003662) Human Mass Spec Standard

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Mass Spec Standards  |
| Description:                          | PIR MS Standard C13 and N15-labeled recombinant protein (NP_003653)  |
| Species:                              | Human  |
| Expression Host:                      | HEK293   |
| Expression cDNA Clone or AA Sequence: | RC223111   |
| Predicted MW:                         | 31.9 kDa   |
| Protein Sequence:                     | >RC223111 representing NM_003662<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)<br><br>MGSSKKVTL SVLSREQSEG VGARVRRS IGRPELKNLDPFLLFDEFKGGRRPGGFPDHPHRGFETVSYLLEG<br>GSM AHEDFCGHTGKMNP GDLQWMTAGRGILHAEMPCSEEP AHGLQLWVNLRSSEKMVEPQYQELKSEEIP<br>KPSKDGVTVAVISGEALGIKSKVYTRPTLYLDFKLDPGAKHSQPIPKGWT SFIYITISGDVYIGPDDAQQ<br>KIEPHHTAVL GEGDSVQVENKDPKRSHFVLIAGEPLREPVIQHGPFVMNTN EEISQAILDFRNAKNGFER<br>AKTWKSKIGN<br><br><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b> |
| 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_003653</a></u>   |
| RefSeq Size:                          | 1316   |
| RefSeq ORF:                           | 870  |
| Locus ID:                             | 8544   |
| UniProt ID:                           | <u><a href="#">O00625</a></u> , <u><a href="#">A0A024RBX6</a></u>  |



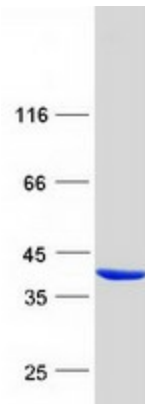
[View online »](#)

Cytogenetics: Xp22.2

**Summary:** This gene encodes a member of the cupin superfamily. The encoded protein is an Fe(II)-containing nuclear protein expressed in all tissues of the body and concentrated within dot-like subnuclear structures. Interactions with nuclear factor I/CCAAT box transcription factor as well as B cell lymphoma 3-encoded oncoprotein suggest the encoded protein may act as a transcriptional cofactor and be involved in the regulation of DNA transcription and replication. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jul 2008]

**Protein Families:** Transcription Factors

### Product images:



Coomassie blue staining of purified Pirin protein (Cat# [TP323111]). The protein was produced from HEK293T cells transfected with Pirin cDNA clone (Cat# [RC223111]) using MegaTran 2.0 (Cat# [TT210002]).