

## Product datasheet for TP323111

### Pirin (PIR) (NM\_003662) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human pirin (iron-binding nuclear protein) (PIR), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC223111 representing NM_003662 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MGSSKKVTLVLSREQSEGVGARVRRSIGRPELKNLDPFLLFDEFKGGRRPGGFPDHPHRGFETVSYLLEG GSMAHEDFCGHTGKMNPGDLQWMTAGRGILHAEMPCSEEPAHGLQLWVNLRSSEKMEPQYQELKSEEIP KPSKDGVTVAVISGEALGIKSKVYTRTPLYLDFKLDPGAKHSQPIPKGWTSFIYTISGDVYIGPDDAQQ KIEPHHTAVLGEGDSVQVENKDKPKRSHFVLIAGEPLREPVIQHGPVFMNTNEEISQAILDFRNAKNGFER AKTWKSKIGN</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-Myc/DDK
Predicted MW:	31.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_003653</a></u>
Locus ID:	8544



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UniProt ID: [O00625](#), [A0A024RBX6](#)

RefSeq Size: 1316

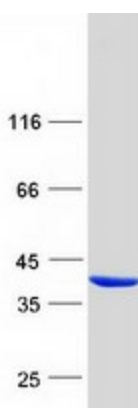
Cytogenetics: Xp22.2

RefSeq ORF: 870

**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 PIR protein (Cat# TP323111). The protein was produced from HEK293T cells transfected with PIR cDNA clone (Cat# [RC223111]) using MegaTran 2.0 (Cat# [TT210002]).