

Product datasheet for PH300626

Pirin (PIR) (NM_001018109) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PIR MS Standard C13 and N15-labeled recombinant protein (NP_001018119)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200626
Predicted MW:	32.1 kDa
Protein Sequence:	>RC200626 protein sequence Red =Cloning site Green =Tags(s) MGSSKKVTL SVLSREQSEG VGARVRRS IGRPELKNLDPFLLFDEFKGGRRPGGFPDHPHRGFETVSYLLEG GSM AHEDFCGHTGKMNP GDLQWMTAGRGILHAEMPCSEEP AHGLQLWVNLRSSEKMVEPQYQELKSEEIP KPSKDGVTVAVISGEALGIKSKVYTRTPTLYLDFKLDPGAKHSQPIPKGWT SFIYITISGDVYIGPDDAQQ KIEPHHTAVL GEGDSVQVENKDPKRSHFVLIAGEPLREPVIQHGFV MNTNEEISQAILDFRNAKNGFER AKTWKSKIGN 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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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_001018119
RefSeq Size:	1542
RefSeq ORF:	870
Locus ID:	8544
UniProt ID:	O00625 , A0A024RBX6



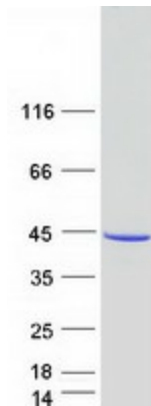
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Cytogenetics: Xp22.2

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# [TP300626]). The protein was produced from HEK293T cells transfected with Pirin cDNA clone (Cat# [RC200626]) using MegaTran 2.0 (Cat# [TT210002]).