

Product datasheet for **AR50238PU-N**

Pirin / PIR (1-290, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Pirin / PIR (1-290, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSSKKVTL SLSREQSEGV GARVRRSISR PELKNLDPFL LFDEFKGGRP GGFPDHPHRG FETVSYLLEG GSMAHEDFCG HTGKMNPGL QWMTAGRGIL HAEMPCSEEP AHGLQLWVNL RSSEKMVEPQ YQELKSEEIP KPSKDGVTVA VISGEALGIK SKVYTRPTL YLDFKLDPGA KHSQPIPKGW TSIYITISGD VYIGPDDAQQ KIEPHHTAVL GEGDSVQVEN KDPKRSHFVL IAGEPLREP V IQHGPFVMNT NEEISQAILD FRNAKNGFER AKTWKSKIGN
Tag:	His-tag
Predicted MW:	34.3 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human PIR protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001018119
Locus ID:	8544
UniProt ID:	O00625 , A0A024RBX6
Cytogenetics:	Xp22.2



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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