

Product datasheet for **AR50238PU-S**

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

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Pirin / PIR (1-290, His-tag) human recombinant protein, 0.1 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 TSFIYTISGD 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