Recombinant Human PIR Protein, His-tagged

Cat. No. PIR-453H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PIR(Met1~Asn290) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1~Asn290
Description	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.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	35.8kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%

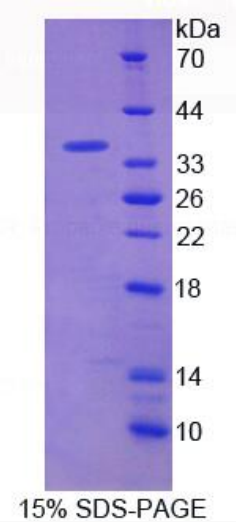
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Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others

GENE INFORMATION

Gene Name	PIR pirin (iron-binding nuclear protein) [Homo sapiens]
Official Symbol	PIR
Synonyms	PIR; pirin (iron-binding nuclear protein); pirin; probable quercetinase; probable quercetin 2,3-dioxygenase PIR;
Gene ID	8544
mRNA Refseq	NM_003662
Protein Refseq	NP_003653
MIM	603329
UniProt ID	O00625

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15% SDS-PAGE

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