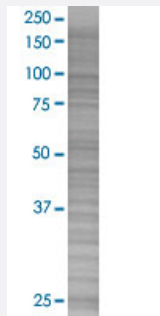


PIR 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00008544-T01

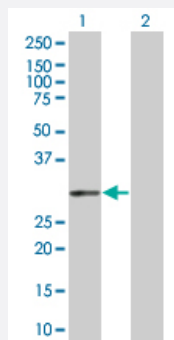
Size 100 uL

Applications



SDS-PAGE Gel

PIR transfected lysate.



Western Blot

Lane 1: PIR transfected lysate (32.01 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-PIR full-length
Host	Human
Theoretical MW (kDa)	32.01
Interspecies Antigen Sequence	Mouse (96); Rat (96)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-PIR antibody ([H00008544-B01](#)) by Western Blots.
SDS-PAGE Gel
PIR transfected lysate.
Western Blot
Lane 1: PIR transfected lysate (32.01 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — PIR

Entrez GeneID[8544](#)**GeneBank Accession#**[NM_003662.2](#)**Protein Accession#**

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Gene Name

PIR

Gene Alias

-

Gene Description

pirin (iron-binding nuclear protein)

Omim ID[603329](#)**Gene Ontology**[Hyperlink](#)**Gene 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]

Other Designations

OTTHUMP00000022961|OTTHUMP00000022962|pirin