

Recombinant Human PIR Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PIR-6297H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PIR MS Standard C13 and N15-labeled recombinant protein (NP_001018119) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	32.1 kDa
AA Sequence	MGSSKKVTL SVLSREQSEGVGARVRRSIGRPELKNLDPFLLFDEFKGGRPGGFPDH PHRGFETVSYLLEGGSM AHEDFCGHTGKMNPGDLQWMTAGRGILHAEMPCSEEP AHGLQLWVNLRSSEK MVEPQYQELKSEEIPKPSKDGVTVAVISGEALGIKSKVYTRT PTLYLDFKLDPGAKHSQPIPKGWTSFIYTISGDVYIGPDDAQKIEPHHTAVLGEGDS VQVENKDPKRSHFVLIAGEPLREPVIQHGPVFMNTNEEISQAILDFRNAKNGFERAKT WWSKIGNTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

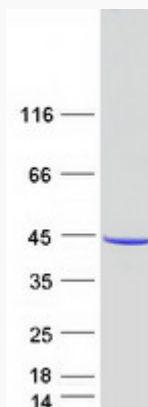
GENE INFORMATION

Gene Name	PIR pirin [Homo sapiens (human)]
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_001018109
Protein Refseq	NP_001018119
MIM	603329
UniProt ID	O00625

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SDS-PAGE

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