

Recombinant Mouse Pir Protein, Myc/DDK-tagged

Cat. No. Pir-4877M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length pirin (Pir), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Transcriptional coregulator of NF-kappa-B which facilitates binding of NF-kappa-B proteins to target kappa-B genes in a redox-state-dependent manner. May be required for efficient terminal myeloid maturation of hematopoietic cells. Has quercetin 2,3-dioxygenase activity (in vitro).
Molecular Mass	32.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Pir pirin [Mus musculus (house mouse)]
Official Symbol	Pir
Synonyms	Pir; pirin; Pirnl; 2310042L19Rik; pirin; iron-binding nuclear protein; pirin like; probable quercetin 2,3-dioxygenase PIR; probable quercetinase; EC 1.13.11.24
Gene ID	69656
mRNA Refseq	NM_027153
Protein Refseq	NP_081429
UniProt ID	Q9D711

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