

Recombinant Mouse Phb Protein, Myc/DDK-tagged

Cat. No. Phb-4832M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length prohibitin (Phb), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Protein with pleiotropic attributes mediated in a cell-compartment- and tissue-specific manner, which include the plasma membrane-associated cell signaling functions, mitochondrial chaperone, and transcriptional co-regulator of transcription factors in the nucleus. Plays a role in adipose tissue and glucose Homeostasis in a sex-specific manner. Contributes to pulmonary vascular remodeling by accelerating proliferation of pulmonary arterial smooth muscle cells.
Molecular Mass	30.3 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

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Phb prohibitin \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Phb](#)

Synonyms PHB; prohibitin; B-cell receptor-associated protein 32; Bap32

Gene ID [18673](#)

mRNA Refseq [NM_008831](#)

Protein Refseq [NP_032857](#)

UniProt ID [P67778](#)

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