

Recombinant Human PHB2 Protein, His-tagged

Cat. No. PHB2-2587H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PHB2 Protein (Ala2-Lys299) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala2-Lys299
Description	Enables several functions, including protein C-terminus binding activity; protein N-terminus binding activity; and protein dimerization activity. Involved in several processes, including defense response to virus; positive regulation of cell cycle phase transition; and regulation of transcription, DNA-templated. Located in several cellular components, including cell surface; mitochondrial membrane; and nuclear matrix. Part of mitochondrial prohibitin complex.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 36.9 kDa Accurate Molecular Mass: 37 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in ddH ₂ O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	PHB2 prohibitin 2 [Homo sapiens (human)]
Official Symbol	PHB2
Synonyms	PHB2; prohibitin 2; prohibitin-2; Bap37; BCAP37; p22; REA; D-prohibitin; B-cell associated protein; repressor of estrogen receptor activity; B-cell receptor-associated protein BAP37; BAP; PNAS-141; MGC117268;
Gene ID	11331
mRNA Refseq	NM_007273
Protein Refseq	NP_009204
MIM	610704

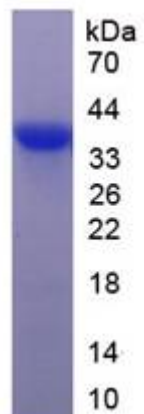
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UniProt ID

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