

Recombinant Human PHB Protein, His&GST-tagged

Cat. No. PHB-1938H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PHB Protein (Met1-Gln272) with N-His&GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Gln272
Description	This gene is evolutionarily conserved, and its product is proposed to play a role in human cellular senescence and tumor suppression. Antiproliferative activity is reported to be localized to the 3' UTR, which is proposed to function as a trans-acting regulatory RNA. Several pseudogenes of this gene have been identified. Alternative splicing results in multiple transcript variants.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 59.8 kDa Accurate Molecular Mass: 60 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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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 PBS or others.

GENE INFORMATION**Gene Name**

PHB prohibitin [Homo sapiens (human)]

Official Symbol

PHB

Synonyms

PHB; prohibitin; PHB1;

Gene ID

5245

mRNA Refseq

NM_002634

Protein Refseq

NP_002625

MIM

176705

UniProt ID

P35232

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