

## **Product datasheet for AR50811PU-S**

## OriGene Technologies, Inc.

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## Prohibitin / PHB (1-272, His-tag) Human Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** Prohibitin / PHB (1-272, His-tag) human recombinant protein, 50 μg

Species: Human
Expression Host: E. coli

Expression cDNA Clone MGSSHHHHHH SSGLVPRGSH MAAKVFESIG KFGLALAVAG GVVNSALYNV DAGHRAVIFD

or AA Sequence:

RFRGVQDIVV GEGTHFLIPW VQKPIIFDCR SRPRNVPVIT GSKDLQNVNI TLRILFRPVA SQLPRIFTSI GEDYDERVLP SITTEILKSV VARFDAGELI TQRELVSRQV SDDLTERAAT FGLILDDVSL THLTFGKEFT EAVEAKQVAQ QEAERARFVV EKAEQQKKAA IISAEGDSKA AELIANSLAT AGDGLIELRK LEAAEDIAYQ

LSRSRNITYL PAGQSVLLQL PQ

Tag: His-tag
Predicted MW: 31.9 kDa
Concentration: lot specific

Purity: >85% by SDS - PAGE

**Buffer:** Presentation State: Purified

State: Liquid purified protein

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 0.1M NaCl

**Preparation:** Liquid purified protein

**Protein Description:** Recombinant human PHB protein, fused to His-tag at N-terminus, was expressed in E.coli and

purified by using conventional chromatography techniques.

Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid

repeated freezing and thawing.

**Stability:** Shelf life: one year from despatch.

**RefSeq:** <u>NP 001268425</u>

**Locus ID:** 5245

UniProt ID: <u>P35232</u>, <u>A8K401</u>

Cytogenetics: 17q21.33

Synonyms: HEL-215; HEL-S-54e; PHB1





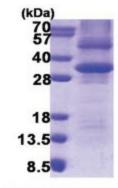
**Summary:** 

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. [provided by RefSeq, Jul 2013]

**Protein Families:** 

Druggable Genome, Stem cell - Pluripotency, Transcription Factors

## **Product images:**



15% SDS-PAGE (3ug)