

Product datasheet for **TP301229M**

Prohibitin (PHB) (NM_002634) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human prohibitin (PHB), 100 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC201229 representing NM_002634
Red=Cloning site **Green**=Tags(s)

MAAKVFESIGKFGALAVAGGWNSALYNVDAGHRAVIFDRFRGVQDIVVGGEGTHFLIPVWQKPIIFDCR
SRPRNVPVITGSKDLQNVNITLRLFRPVASQLPRIFTSIGEDYDERVLPISITTEILKSWARFDAGELI
TQRELVSRQVSDDLTERAATFGLLDDVSLHLTFGKEFTEAVEAKQVAQQEAERARFVVEKAEQQKAA
IISAEGDSKAAELIANSLATAGDGLIELRKLEAAEDIAYQLSRSRNITYLPAGQSVLLQLPQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK
Predicted MW: 29.6 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage: Store at -80°C.
Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq: [NP_002625](#)
Locus ID: 5245
UniProt ID: [P35232](#), [A8K401](#), [Q53FV0](#)



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RefSeq Size: 1826

Cytogenetics: 17q21.33

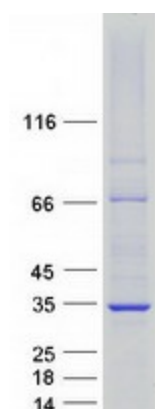
RefSeq ORF: 816

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:



Coomassie blue staining of purified PHB protein (Cat# [TP301229]). The protein was produced from HEK293T cells transfected with PHB cDNA clone (Cat# [RC201229]) using MegaTran 2.0 (Cat# [TT210002]).