

Recombinant Full Length Human PHB1 Protein, C-Flag-tagged

Cat. No. PHB1-128HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human PHB1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	29.6 kDa
AA Sequence	MAAKVFESIGKFGLALAVAGGVVNSALYNVDAGHRAVIFDRFRGVQDIVVGEGTHFL IPWVQKPIIFDCR SRPRNVPVITGSKDLQNVNITLRILFRPVASQLPRIFTSIGEDYDE RVLPSITTEILKSVVARFDAGELI TQRELVSRQVSDDLTERAATFGLILDDVSLTHLTF GKEFTEAVEAKQVAQQEAEARARFVVEKAEQQKAA IISAEGDSKAAELIANSLATAGDGLIELRKLEAAEDIAYQLSRSRNITYLPAGQSVLLQL PQTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.

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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.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Stem cell - Pluripotency, Transcription Factors
Full Length	Full L.

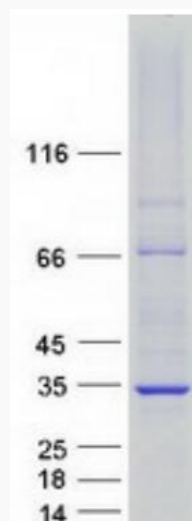
GENE INFORMATION

Gene Name	PHB1 prohibitin 1 [Homo sapiens (human)]
Official Symbol	PHB1
Synonyms	PHB; HEL-215; HEL-S-54e
Gene ID	5245
mRNA Refseq	NM_002634.4
Protein Refseq	NP_002625.1
MIM	176705
UniProt ID	P35232

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Coomassie blue staining of purified PHB protein.

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