

Recombinant Human prohibitin 2, His-tagged

Cat. No. PHB2-230H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PHB2, 1-299aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-299 a.a.
Description	PHB2 acts as a mediator of transcriptional repression by nuclear hormone receptors via recruitment of histone deacetylases by similarity. This protein functions as an estrogen receptor (ER)-selective coregulator that potentiates the inhibitory activities of antiestrogens and represses the activity of estrogens. PHB2 competes with NCOA1 for modulation of ER transcriptional activity. It is probably involved in regulating mitochondrial respiration activity and in aging. Recombinant human PHB2 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol
Molecular Mass	35.7 kDa (322aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMAQNLKD LAGRLPAGPR GMGTALKLLL GAGAVAYGVR ESVFTVEGGH RAIFFNRI GG VQQDTILAEG LHFRI PWFY PIIYDIRARP RKISSPTGSK DLQMVNISLR VLSRPNAQEL PSMYQRLGLD YEERVLP SIV NEVLKSVVAK FNASQLITQR AQVSLIRRE LTERAKDFSL ILDDVAITEL SFSREYTA AV EAKQVAQQEA QRAQFLVEKA KQEQRQKIVQ

 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

AEGEAEAAKM LGEALSKNPG YIKLRKIRAA QNISKTIATS QNRIYLTADN
LVLNLQDESF TRGSDSLIKG KK

Purity >85% by SDS - PAGE

Storage Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

Concentration 1 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name PHB2 prohibitin 2 [Homo sapiens]

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

UniProt ID Q99623

Chromosome Location 12p13

 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

Function

estrogen receptor binding; protein binding; receptor activity;

 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