

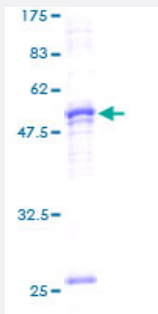
Full-Length

PHB2 (Human) Recombinant Protein (P02)

Catalog # H00011331-P02

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PHB2 full-length ORF (AAH14766, 37 a.a. - 299 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	RESVFTVEGGHRAIFFNRIGGVQQDTILAEGLHFRIPWFQYPIYDIRARPRKISSPTGSKDLQMVNIS LRVLSRPNAQELPSMYQRLGLDYEERVLPSIVNEVLKSVVAKFNASQLITQRAQVSLIRREITERA KDFSLILDDVAITELSFSSREYTAAVEAKQVAQQEAQRAQFLVEKAKQEQRQKIVQAEGEAEAAKM LGEALSKNPGYIKLRKIRAAQNISKTIATSQNRRLTADNLVLNLQDESFTRGSDSLIKGKK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	54.67
Interspecies Antigen Sequence	Mouse (100); Rat (99)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — PHB2

Entrez GeneID [11331](#)**GeneBank Accession#** [BC014766](#)**Protein Accession#** [AAH14766](#)**Gene Name** PHB2**Gene Alias** BAP, BCAP37, Bap37, MGC117268, PNAS-141, REA, p22**Gene Description** prohibitin 2**Omim ID** [610704](#)**Gene Ontology** [Hyperlink](#)**Other Designations** B-cell associated protein|repressor of estrogen receptor activity

Publication Reference

- [C9orf72 regulates energy homeostasis by stabilizing mitochondrial complex I assembly.](#)

Tao Wang, Honghe Liu, Kie Itoh, Sungtaek Oh, Liang Zhao, Daisuke Murata, Hiromi Sesaki, Thomas Hartung, Chan Hyun Na, Jiou Wang.

Cell Metabolism 2021 Mar; 33(3):531.

Application: PI, WB-Re, Recombinant proteins

- [Prohibitin binds to C3 and enhances complement activation.](#)

Mishra S, Moulik S, Murphy LJ.

Molecular Immunology 2006 Oct; 44(8):1907.

Application: Func, Human , normal serum