

Prohibitin 2 Human Recombinant

Item Number	rAP-4584
Synonyms	BAP, Bap37, BCAP37, p22, PNAS-141, REA, Prohibitin-2, B-cell receptor-associated protein BAP37, D-prohibitin, Repressor of estrogen receptor activity, PHB2.
Description	PHB2 Human Recombinant produced in E. coli is a single polypeptide chain containing 322 amino acids (1-299) and having a molecular mass of 35.7kDa. PHB2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q99623
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMANLKD LAGRLPAGPR GMGTALKLLL GAGAVAYGVR ESVFTVEGGH RAIFFNRIGG VQDITLAEG LHFRIWPFQY PIYDIRARP RKISSPTGSK DLQMVNISLR VLSRPNAQEL PSMYQRLGLD YEERVLPSIV NEVLKSVVAK FNASQLITQR AQVSLIRRE LTERAKDFSL ILDDVAITEL SFSREYTA AV EAKQVAQQA QRAQFLVEKA KQEQRKIVQ AEAEAAAKM LGEALSKNPG YIKLRKIRAA QNISKTIATS QNRIYLTADN LVLNLQDESF TRGSDSLIKG KK.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The PHB2 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol. Greater than 85% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**