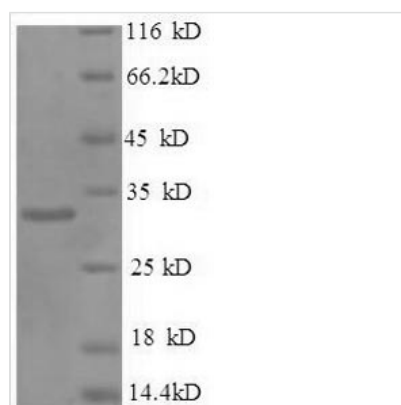




Recombinant Human Prohibitin (PHB)

Product Code	CSB-EP017885HU
Relevance	Prohibitin inhibits DNA synthesis. It has a role in regulating proliferation. As yet it is unclear if the protein or the mRNA exhibits this effect. May play a role in regulating mitochondrial respiration activity and in aging.
Abbreviation	Recombinant Human PHB protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P35232
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MAAKVFESIGKFGLALAVAGGVVNSALYNVDAGHRAVIFDRFRGVQDIVVGEG THFLIPWVQKPIIFDCRSRPRNPVITGSKDLQNVNITLRLFRPVASQLPRIFTSI GEDYDERVLPSITTEILKSVVARFDAGELITQRELVSRQVSDDLTERAATFGLIL DDVSLTHLTFGKEFTEAVEAKQVAQQEAERARFVVEKAEQQKKAIIISAEGDS KAAELIANSLATAGDGLIELRKLEAAEDIAYQLSRSRNITYLPAGQSVLLQLPQ
Research Area	Transcription
Source	E.coli
Target Names	PHB
Expression Region	1-272aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	33.8kDa
Protein Length	Full Length

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Description

This Recombinant Human Prohibitin 1 (PHB1) protein is a valuable asset for your transcription research studies. Prohibitin 1 is a multifunctional protein involved in transcription regulation, apoptosis, and cell signaling. It plays a significant role in the cellular processes and serves as a potential target for various scientific investigations.

Our Recombinant Human PHB1 protein is expressed in E.coli and features the full-length sequence (1-272aa) to support a wide range of research applications. The N-terminal 6xHis tag enables efficient purification and detection, ensuring a seamless integration into your experimental workflow. With a purity of greater than 90% as determined by SDS-PAGE, our PHB1 protein delivers consistent, reliable results for your research. Available in both liquid and lyophilized powder forms, our Recombinant Human Prohibitin 1 protein caters to the diverse needs of your transcription research projects.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.