

Recombinant Human Prohibitin(PHB)

Catalog No: #AP70630

Package Size: #AP70630-1 20ug #AP70630-2 100ug #AP70630-3 1mg

Description

Product Name	Recombinant Human Prohibitin(PHB)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-272aaSequence Info:Full Length
Accession No.	P35232
Calculated MW	33.8 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	MAAKVFESIGKFGALAVAGGVVNSALYNVDAGHRAVIFDRFRGVQDIVVGEGTHFLIPWVQKPIIFDCRSRPR NVPVITGSKDLQNVNITLRILFRPVASQLPRIFTSIGEDYDERVLPSITTEILKSVVARFDAGELITQRELVSQVS DDLTERAATFGLILDDVSLTHLTFGKEFTEAVEAKQVAQQEAERARFVVEKAEQQKAAIISAEGDSKAAELIAN SLATAGDGLIELRKLEAAEDIAYQLSRSRNITYLPAGQSVLLQLPQ
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

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.

References

The human prohibitin gene located on chromosome 17q21 is mutated in sporadic breast cancer.Sato T., Saito H., Swensen J., Olifant A., Wood C., Danner D., Sakamoto T., Takita K., Kasumi F., Miki Y., Skolnick M., Nakamura Y.Cancer Res. 52:1643-1646(1992)Research Topic:Transcription

Note: This product is for in vitro research use only and is not intended for use in humans or animals.