

Recombinant human VBP1 protein

Catalog Number: ATGP1861

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-197aa

UniProt No.

P61758

NCBI Accession No.

NP_003363

Alternative Names

Prefoldin subunit 3, PFD3, PFDN3, VBP-1

PRODUCT SPECIFICATION

Molecular Weight

25 kDa (220aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 2mM DTT

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

Prefoldin subunit 3, also known as VBP1, belongs to the prefoldin subunit alpha family. VBP1 interacts with the Von Hippel-Lindau protein to form an intracellular complex. Because it functions as a chaperone protein, it is suspected that it may play a role in the transport of the Von Hippel-Lindau protein from the perinuclear granules to the nucleus or cytoplasm. Recombinant human VBP1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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Amino acid Sequence

<MGSSHHHHH SSGLVPRGSH MGS>MAAVKDS CGKGEMATGN GRRLHLGIPE AVFVEDVDSF MKQPGNETAD
TVLKKLDEQY QKYKFMELNL AQKKRRLKGQ IPEIKQTLEI LKYMQKKKES TNSMETRFLF ADNLYCKASV PPTDKVCLWL
GANVMLEYDI DEAQALLEKN LSTATKNLDS LEEDLDFLRD QFTTTEVNMA RVYNWDVKRR NKDDSTKNKA

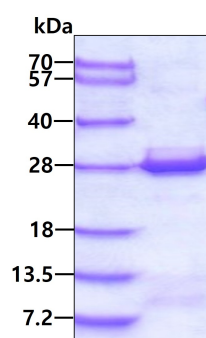
General References

Kim S Y., et al. (2008) BMB Rep. 41(2):158-63.

Mousnier A., et al. (2007) Proc Natl Acad Sci uSA. 201(34):13612-20.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.