

VBP1, 1-197aa, Human, His tag, E.coli

Cat.NO.: TP04462

3th Edition

Synonyms:Prefoldin subunit 3, PFD3, PFDN3, VBP-1

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.

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

Molecular Weight:25 kDa (220aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMMAAVKDSCGKGEMATGNRRLLHLGIPEAVFVEDVDSFMKQPGNETADTVL
KKLDEQYQKYKFMELNLAQKKRRLKGQIPEIKQTLEILKYMQKKKKESTNSMETRFLADNLYCKASVPPTDKVCLWL
GANVMLEYDIDEAQALLEKNLSTATKNLDSLEEDLDFLRDQFTTTEVNMARVYNWDVKRRNKDDSTKNKA

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.