

VBP1 Human

Description:VBP1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 220 amino acids (1-197 a.a) and having a molecular mass of 25kDa.VBP1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #:PRPS-1332

For research use only.

Synonyms:Prefoldin subunit 3, HIBBJ46, Von Hippel-Lindau-binding protein 1, VBP-1, VHL-binding protein 1, VBP1, PFDN3, PFD3.

Source:Escherichia Coli.

Physical Appearance:Sterile Filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MGSMAAVKDS CGKGEMATGN
GRRHLHGPIE AVFVEDVDSF MKQPGNETAD TVLKKLDEQY QKYKFMELNL AQKKRRLKGG
IPEIKQTLEI LKYMQKKKES TNSMETRFLD ADNLYCKASV PPTDKVCLWL GANVMLEYDI
DEAQALLEKN LSTATKNLDS LEEDLDFLRD QFTTTEVNMA RVYNWDVKRR NKDDSTKNKA.

Purity:Greater than 90.0% as determined by SDS-PAGE.

Formulation:

VBP1 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 50% glycerol and 2mM DTT.

Stability:

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

Prefoldin subunit 3 (VBP1) is a member of the prefoldin subunit alpha family. VBP1 interacts with the Von Hippel-Lindau protein in order to create an intracellular complex. Since VBP1 serves as a chaperone protein, it is assumed to have a role in the transport of the Von Hippel-Lindau protein from the perinuclear granules to the nucleus or cytoplasm. VBP1 binds specifically to cytosolic chaperonin (c-CPN) and transfers target proteins to it. VBP1 also binds to nascent polypeptide chain and stimulates folding in an environment in which there are numerous competing pathways for nonnative proteins.

To place an order, please [Click HERE](#).