

Recombinant Human VBP1, His-tagged

Cat. No. VBP1-7079H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human VBP1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-197aa
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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl,50% glycerol,2mM DTT
Molecular Mass	25 kDa (220aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMAAVKDS CGKGEMATGN GRRLHLGIPE AVFVEDVDSF MKQPGNETAD TVLKKLDEQY QKYKFMELNLAQKKRRLKGG IPEIKQTLEI LKYMQKKKES TNSMETRFLN ADNLYCKASV PPTDKVCLWL GANVMLEYDI DEAQALLEKN LSTATKNLDS LEEDLDFLRD QFTTTEVNMA RVYNWDVKRR NKDDSTKNKA

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Purity	>90% by SDS - PAGE
Applications	SDS-PAGE
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.
Concentration	0.5 mg/ml

GENE INFORMATION

Gene Name	VBP1 von Hippel-Lindau binding protein 1 [Homo sapiens]
Official Symbol	VBP1
Synonyms	VBP1; von Hippel-Lindau binding protein 1; prefoldin subunit 3; PFD3; PFDN3; prefoldin 3; HIBBJ46; VHL binding protein-1; VHL-binding protein 1; von Hippel-Lindau-binding protein 1; VBP-1;
Gene ID	7411
mRNA Refseq	NM_003372
Protein Refseq	NP_003363
MIM	300133
UniProt ID	P61758
Chromosome Location	Xq28

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Pathway

Chaperonin-mediated protein folding, organism-specific biosystem; Cooperation of Prefoldin and TriC/CCTin actin and tubulin folding, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; Prefoldin mediated transfer of substrateto CCT/TriC, organism-specific biosystem; Protein folding, organism-specific biosystem;

Function

unfolded protein binding;

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