

VHL recombinant protein

VHL Ag, betadomain Ag(His tag)

CATALOG # AAA107756	HOST E.coli	APPLICATIONS SDS-Page
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PRODUCT SYNONYMS

VHL; VHL Ag; betadomain Ag(His tag); HRCA1 protein; RCA1 protein; VHL 1 protein; VHL1 protein; G7 protein protein; Von Hippel-Lindau tumor suppressor isoform 1 protein; von Hippel Lindau tumor suppressor protein; Von Hippel-Lindau tumor suppressor isoform 1 pVHL protein; RCA 1 protein; HRCA 1 protein; VHLH protein; von Hippel Lindau syndrome protein; Elongin binding protein protein; Von Hippel Lindau disease tumor suppressor protein; VHL protein; VHL recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 95% pure by SDS-PAGE
Form/Format	0.2um filtered solution in PBS, pH7.4, with 1mM DTT, and 2mM EDTA
Concentration	1 mg/ml (by Bradford) (varies by lot)
Sequence	1-154amino acids:MGSS HHHHHHSSGL VPRGSHMPRR AENWDEAEVG AEEAGVEEYG PEEDGGEEESG AEESGP EESG PEELGAEEM EAGRPRPVLR SVNSREPSQV IFCNRSR VV LPVWLNFDGE PQPYPTLPPG TGRRIHSYRG HLWLFRDAGT HDGLLVNQTE LFVPSLNV DG QPIFANITLP
Applicable Applications for VHL recombinant protein	SDS-PAGE
Protein Type	Recombinant
Biological Significance	Von Hippel-Lindau disease(VHL) is a dominant inherited syndrome characterized by the predisposition to develop various kinds of benign and malignant tumors, including clear cell renal carcinomas, pheochromocytomas and hemangioblastomas of the central nervous system and retina. VHL syndrome is caused by germline mutation in the VHL tumor suppressor, and VHL tumors are associated with loss or mutation of the remaining wild-type allele. VHL has two domains: a roughly 100-residue NH2-terminal domain rich in beta sheet (beta-domain) and a smaller alpha-helical domain (alpha-domain), held together by two linkers and a polar interface. VHL protein is also involved in the degradation of hypoxia-inducible factor (HIF). VHL beta-domain(1-154aa) was overexpressed in E Coli and purified by using conventional chromatography techniques
Biohazard	Recombinant protein with His Tag. Use standard laboratory precautions when handling this material.
Species	Human
Preparation and Storage	4°C short term, -20°C to -70°C long term. Avoid repeated freeze-thaws.

IMAGES



SDS-PAGE
Figure annotation denotes ug of protein loaded and % gel used.

ADDITIONAL INFORMATION

Related Product Information for VHL recombinant protein	Purified recombinant Human VHL protein, betadomain protein
Product Categories/Family for VHL recombinant protein	Cancer; Conjugated Proteins

NCBI AND UNIPROT INFORMATION

Molecular Weight	19.2 kDa (174 aa), confirmed by MALDI-TOF.
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/vhl-recombinant-protein-e-coli-sds-page/107756>