

VHL protein (beta-domain) Recombinant Protein | VHL recombinant protein

VHL protein (beta-domain), 1-154aa, Human, His tag, E Coli

CATALOG # AAA48466	HOST E Coli	APPLICATIONS SDS-Page
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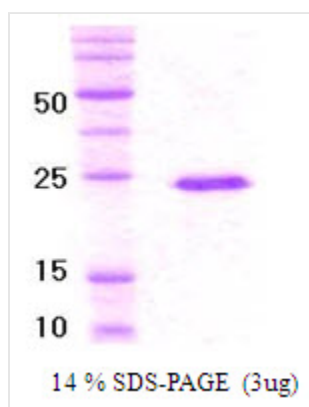
PRODUCT SYNONYMS

VHL protein (beta-domain); 1-154aa; Human; His tag; E Coli; Von Hippel-Lindau tumor suppressor isoform 1; HRCA1; RCA1; VHL1; Von Hippel-Lindau tumor suppressor isoform 1 pVHL; G7 protein; Elongin binding protein; HRCA 1; RCA 1; VHL; VHL 1; VHLH; Von Hippel Lindau disease tumor suppressor; von Hippel Lindau syndrome; von Hippel Lindau tumor suppressor; ; VHL recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) containing 1mM DTT, 2mM EDTA
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSSLVPRGSH MPRAENWDE AEVGAEAGV EEYGPEEDGG EESGAEEGSP EESGPEELGA EEEMEAGRPR PVLRSVNSRE PSQVIFCNRS PRVVLVWLN FDGEPQPYPT LPPGTGRIH SYRGHLWLFR DAGTHDGLLV NQTELFVPSL NVDGQPIFAN ITLP
Sequence Length	213
Applicable Applications for VHL recombinant protein	SDS-PAGE
Tag Information	His-tag
Preparation and Storage	Can be stored at 2-8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

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

ADDITIONAL INFORMATION

Related Product Information for VHL recombinant protein	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
Product Categories/Family for VHL recombinant protein	Cancer
References	Latif F., et al. (1993) Science. 260 (5112):1317-20; Duan DR., et al. (1995) PNAS. 92 (14):6459-63; Maxwell PH., et al. (1999) Nature 399 (6733):271-5;

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507891
NCBI GeneID	7428
NCBI Accession #	NP_000542
NCBI GenBank Nucleotide #	NM_000551.3
UniProt Accession #	P40337; Q13599; Q6PDA9; B2RE45
Molecular Weight	19.2 kDa (174 aa), confirmed by MALDI-TOF.
NCBI Official Full Name	von Hippel-Lindau disease tumor suppressor isoform 1
NCBI Official Synonym Full Names	von Hippel-Lindau tumor suppressor
NCBI Official Symbol	VHL
NCBI Official Synonym Symbols	RCA1; VHL1; pVHL; HRCA1
NCBI Protein Information	von Hippel-Lindau disease tumor suppressor
UniProt Protein Name	von Hippel-Lindau disease tumor suppressor
UniProt Gene Name	VHL

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.