VHL
Recombinant Human VHL (beta domain) His (aa 1-154)

Catalog No.	CSI15668A CSI15668B	**Quantity:**	100 µg 500 µg

Alternate Names: RCA1, VHL1, HRCA1

Description: 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 NH_2-terminal domain rich in beta sheet(beta-domain) and a smaller alpha-helical domain(α-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.

Concentration: mg/ml (determined by Bradford assay)

GeneID: 7428

Protein Accession No: NP_000542

Source: *E. coli*

Molecular Weight: 19.2 kDa (174 aa), confirmed by MALDI-TOF.

Formulation: Liquid. In phosphate-buffered Saline(PBS), 2mM EDTA, pH7.4

Purity: > 95% by SDS - PAGE

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MPRRAENWDE AEVGAEEAGV EEYGPEEDGG EESGAEESGP EESGPEELGA EEEMEAGRPR PVLRSVNSRE PSQVIFCNRS PRVVLPVWLN FDGEPQPYPT LPPGTGRRIH SYRGHLWLFR DAGTHDGLLV NQTELFVPSL NVDGQPIFAN ITLP

Application: SDS-PAGE

Storage & Stability: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -80°C. **Avoid repeated freezing and thawing cycles.**

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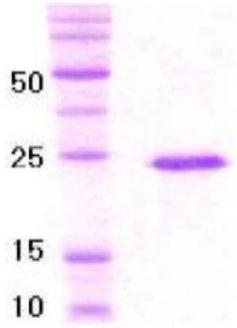

14 % SDS-PAGE (3ug)

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