

Recombinant Mouse Vhl Protein, Myc/DDK-tagged

Cat. No. Vhl-6921M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse von Hippel-Lindau tumor suppressor (Vhl), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Involved in the ubiquitination and subsequent proteasomal degradation via the von Hippel-Lindau ubiquitination complex. Seems to act as a target recruitment subunit in the E3 ubiquitin ligase complex and recruits hydroxylated hypoxia-inducible factor (HIF) under normoxic conditions. Involved in transcriptional repression through interaction with HIF1A, HIF1AN and histone deacetylases. Ubiquitinates, in an oxygen-responsive manner, ADRB2.
Molecular Mass	20.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Vhl von Hippel-Lindau tumor suppressor [*Mus musculus* (house mouse)]

Official Symbol Vhl

Synonyms VHL; von Hippel-Lindau tumor suppressor; von Hippel-Lindau disease tumor suppressor; pVHL; von Hippel-Lindau syndrome homolog; von Hippel-Lindau syndrome protein homolog; Vhlh

Gene ID 22346

mRNA Refseq NM_009507

Protein Refseq NP_033533

UniProt ID P40338

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