



Recombinant Human Von Hippel-Lindau-like protein (VHLL)

Product Code	CSB-EP761420HU
Abbreviation	VHLL
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q6RSH7
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MPWRAGNGVG LEAQAGTQEA GPEEYCQEEL GAAEEMAARA AWPVLRSVNS RELSRIICN HSPRIVLPVW LNYYGKLLPY LTLTPGRDFR IHNFRSHPWL FRDARTHDKL LVNQTELFVP SSNVNGQPVF ANITLQCIP
Source	E.coli
Target Names	VHLL
Protein Names	Recommended name: Von Hippel-Lindau-like protein Short name= VHL-like protein Short name= VLP
Expression Region	1-139
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	Von Hippel-Lindau (VHL) tumor suppressor protein is a component of an E3 ubiquitin ligase complex that the selectively ubiquitinates the alpha subunit of the hypoxia-inducible factor (HIF) transcription factor for proteasome-mediated degradation. Inactivation of VHL causes VHL disease and sporadic kidney cancer. This gene encodes a VHL homolog that lacks one of two key domains necessary for VHL function. It binds HIF alpha but fails to recruit the E3 ubiquitin ligase complex, and therefore functions as a dominant-negative VHL and a protector of HIF alpha. This gene is intronless and predominantly expressed in the placenta, and may contribute to the regulation of oxygen homeostasis and neovascularization during placenta development.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final



concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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