



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

<b>Product Code</b>	CSB-MP761420HU
<b>Abbreviation</b>	VHLL
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q6RSH7
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MPWRAGNGVG LEAQAGTQEA GPEEYCQEEL GAAEEMAARA AWPVLRSVNS RELSRIICN HSPRIVLPVW LNYYGKLLPY LTLLPGRDFR IHNFRSHPWL FRDARTHDKL LVNQTELFVP SSVNNGQPVF ANITLQCIP
<b>Source</b>	Mammalian cell
<b>Target Names</b>	VHLL
<b>Protein Names</b>	Recommended name: Von Hippel-Lindau-like protein Short name= VHL-like protein Short name= VLP
<b>Expression Region</b>	1-139
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	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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