

Full-Length

## VHLL (Human) Recombinant Protein (P01)

Catalog # H00391104-P01

Size 50 ug

### Specification

Product Description	Human VHLL full-length ORF ( ADR83480.1, 1 a.a. - 139 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MPWRAGNGVGLEAQAGTQEAGPEEYCQEELGAEEMEAAARAAWPVLRSVNSRELSRIICNHSPR NLPVWLNYYGKLLPYLTLLPGRDFRIHNFRSHPWLF RDARTHDKLLVNQTELFVPSSNVNGQPVF ANITLQCIP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	15.3
Preparation Method	<a href="#">in vitro wheat germ expression system</a>
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

### Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — VHLL

**Entrez GeneID** [391104](#)**GeneBank Accession#** [HQ258729.1](#)**Protein Accession#** [ADR83480.1](#)**Gene Name** VHLL**Gene Alias** VLP**Gene Description** von Hippel-Lindau tumor suppressor-like**Gene Ontology** [Hyperlink](#)

**Gene Summary** Von Hippel-Lindau (VHL) tumor suppressor protein is a component of an E3 ubiquitin ligase complex that 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. [provided by RefSeq]

**Other Designations** von-Hippel-Lindau-like protein