

Product datasheet for TP760447

VHLL (NM_001004319) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins Description: Purified recombinant protein of Human von Hippel-Lindau tumor suppressor-like (VHLL), full length, with N-terminal HIS tag, expressed in E.Coli, 50ug Species: Human **Expression Host:** E. coli **Expression cDNA Clone** A DNA sequence encoding human full-length VHLL or AA Sequence: N-His Tag: Predicted MW: 15.6 kDa **Concentration:** >0.05 µg/µL as determined by microplate BCA method **Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining **Buffer:** 25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. Store at -80°C. Storage: Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. **RefSeq:** NP 001004319 391104 Locus ID: **UniProt ID:** Q6RSH7 676 **RefSeq Size:** Cytogenetics: 1q22 **RefSeq ORF:** 417 Synonyms: VHLP; VLP



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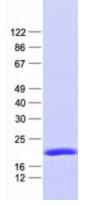
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GRIGENE VHLL (NM_001004319) Human Recombinant Protein – TP760447

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. This gene may contribute to the regulation of oxygen homeostasis and neovascularization during placenta development. This gene is intronless, and can also be interpreted as a retrotransposed pseudogene of the VHL locus located on chromosome 3. However, the protein is represented in this RefSeq due to evidence in PMID:14757845 that strongly suggests it is translated. The same publication also indicates that this protein binds HIF alpha but fails to recruit the E3 ubiquitin ligase complex, and it therefore functions as a dominant-negative VHL protein and a protector of HIF alpha. [provided by RefSeq, Jan 2010]

Product images:



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