Datasheet for ABIN620853

VHLL Protein (AA 1-154) (His tag)

Go to Product page

Overview

Quantity:	50 µg
Target:	VHLL
Protein Characteristics:	AA 1-154
Origin:	Human
Host:	Please inquire
Protein Type:	Recombinant
Purification tag / Conjugate:	This VHLL protein is labelled with His tag.

Product Details

Sequence:	MGSSHHHHHH SSGLVPRGSH MPRRAENWDE AEVGAEEAGV EEYGPEEDGG EESGAEESGPEESGPEELGA EEEMEAGRPR PVLRSVNSRE PSQVIFCNRS PRVVLPVWLN FDGEPQPYPT LPPGTGRRIH SYRGHLWLFR DAGTHDGLLV NQTELFVPSL NVDGQPIFAN ITLP.
Characteristics:	Recombinant Human Von Hippel-Lindau Protein
Purity:	> 95.0 % as determined by SDS-PAGE.

Target Details

Target:	VHLL
Alternative Name:	Von Hippel-Lindau Protein (VHLL Products)
Background:	Recombinant Human Von Hippel-Lindau Protein b-domain produced in E. coli is a single, non-glycosylated polypeptide chain containing 174 AA (1-154) and having a molecular mass of 19.2 kDa. The Von Hippel-Lindau antigen is fused to 20 AA His-Tag at N-terminus and purified by

Target Details

proprietary chromatography techniques. Introduction: Von Hippel-Lindau disease is a dominant inherited syndrome characterized by the predisposition to develop various kinds of benign and malignant tumors, including clear cell renal carcinomas, pheochromocytomas and hemangioblastomas of the central nervous system and retina. VHL syndrome is caused by germline mutation in the VHL tumor suppressor, and VHL tumors are associated with loss or mutation of the remaining wild-type allele. VHL has two domains: a roughly 100-residue NH2-terminal domain rich in b sheet (b-domain) and a smaller a-helical domain (a-domain), held together by two linkers and a polar interface. VHL protein is also involved in the degradation of hypoxia-inducible factor (HIF). Synonyms: Von Hippel-Lindau disease tumor suppressor, pVHL, Protein G7, VHL, RCA1, VHL1, HRCA1.

Application Details

Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The Von Hippel-Lindau Protein contains 1x PBS pH-7.4, 2mM EDTA, and 1mM DTT.
Storage:	4 °C