

## Product datasheet for TP501630

### Vhl (NM\_009507) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse von Hippel-Lindau tumor suppressor (Vhl), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR201630 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MPRKAASPEEAAGEPGPEEMEAGRPRPVLRSVNSREPSQVIFCNRSRVLPLWLNFDFGEPQYPILPPG TGRRIHSYRGHLWLFDRDAGTHDGLLVNQTELFVPSLNVGQPIFANITLPVYTLKERCLQVVRSLVKPEN YRRLDIVRSLYEDLEDYPSVRKDIQRLSQEHLESQHLEEEP
	<b>TR</b> TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	20.8 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, 100 mM glycine, pH 7.3, 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.
Storage:	Store at -80°C after receiving vials.
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:	<a href="#">NP_033533</a>
Locus ID:	22346
UniProt ID:	<a href="#">P40338</a> , <a href="#">Q3TTE7</a>
RefSeq Size:	2730
Cytogenetics:	6 52.81 cM



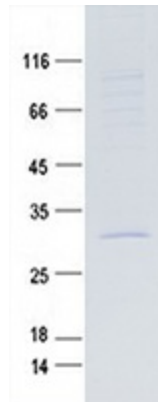
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RefSeq ORF: 546

Synonyms: Vhlh

**Summary:** Involved in the ubiquitination and subsequent proteasomal degradation via the von Hippel-Lindau ubiquitination complex. Seems to act as a target recruitment subunit in the E3 ubiquitin ligase complex and recruits hydroxylated hypoxia-inducible factor (HIF) under normoxic conditions. Involved in transcriptional repression through interaction with HIF1A, HIF1AN and histone deacetylases. Ubiquitinates, in an oxygen-responsive manner, ADRB2 (By similarity).[UniProtKB/Swiss-Prot Function]

### Product images:



Purified recombinant protein Vhl was analyzed by SDS-PAGE gel and Coomossie Blue Staining.