

## Recombinant Human VASH1 Protein, His-tagged

Cat. No. VASH1-14H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Vasohibin 1 / VASH1 Protein is Recombinant Human Vasohibin 1 / VASH1 aa 1-204 produced in E. coli with 6 His, N-terminus tag(s).
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-204 a.a.
<b>Description</b>	Tyrosine carboxypeptidase that removes the C-terminal tyrosine residue of alpha-tubulin, thereby regulating microtubule dynamics and function. Acts as an angiogenesis inhibitor: inhibits migration, proliferation and network formation by endothelial cells as well as angiogenesis. This inhibitory effect is selective to endothelial cells as it does not affect the migration of smooth muscle cells or fibroblasts.
<b>Molecular Mass</b>	25.93 kD
<b>AA Sequence</b>	MPGGKKVAGGGSSGATPTSAAATAPSGVRRLETSEGTSAGRDEEPEEEEGEEDLRD GGVPPFFVNRGGLPVDEATWERMWKHVAKIHPDGEKVAQRIRGATDLPKIPIPSVPTF QPSTPVPERLEAVQRYIRELQYNHTGTQFFEIKKSRLTGLMDLAKEMTKALPIKCL EAVILGMYPSSPEGEGSGLLWASASCSESEGGVG
<b>Notes</b>	For research use only.

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**Storage** Short term: -20 centigrade; Long term: -80 centigrade; Avoid freeze-thaw cycles.

**Storage Buffer** Tris, 50% Glycerol

## GENE INFORMATION

**Gene Name** VASH1 vasohibin 1 [ Homo sapiens (human) ]

**Official Symbol** VASH1

**Synonyms** VASH1; vasohibin 1; TTCP 1; KIAA1036; tubuliny-Tyr carboxypeptidase 1; vasohibin-1; tubulin carboxypeptidase 1; tyrosine carboxypeptidase 1; EC 3.4.17.17

**Gene ID** 22846

**mRNA Refseq** NM\_014909

**Protein Refseq** NP\_055724

**MIM** 609011

**UniProt ID** Q7L8A9

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