

## Active Recombinant Mouse Vasn Protein (Cys25-Pro576), C-6xHis tagged

Cat. No. Vasn-12M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Vasorin/SLIT-like 2 Protein (Cys25-Pro576) with a C-terminal 6-His tag was expressed in Mouse myeloma cell line.
<b>Species</b>	Mouse
<b>Source</b>	NS0
<b>ProteinLength</b>	Cys25-Pro576
<b>Description</b>	Predicted to enable transforming growth factor beta binding activity. Acts upstream of or within cellular response to hypoxia and cellular response to redox state. Located in mitochondrion and plasma membrane. Is expressed in several structures, including cardiovascular system; cranium; embryo mesenchyme; genitourinary system; and gut. Orthologous to human VASN (vasorin).
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA. When Recombinant Mouse TGF- beta 2 is immobilized at 1 µg/mL (100 µL/well), the concentration of Recombinant Mouse Vasorin/SLIT-like 2 that produces 50 % of the optimal binding response is approximately 0.3-1.8 µg/mL.
<b>Molecular Mass</b>	Predicted Molecular Mass: 61 kDa SDS-PAGE: 72-97 kDa, reducing conditions
<b>N-terminal Sequence</b>	Cys25

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Analysis</b>	
<b>Endotoxin</b>	< 0.10 EU/μg of the protein by the LAL method.
<b>Purity</b>	> 95 % by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie Blue Staining.
<b>Storage Buffer</b>	Lyophilized from a 0.2 μm filtered solution in MOPS, NaCl, Ethylene Glycol and Trehalose.
<b>Reconstitution</b>	Reconstitute at 250 μg/mL in water.
<b>Shipping</b>	The product is shipped at ambient temperature.

## GENE INFORMATION

<b>Gene Name</b>	Vasn vasorin [ <i>Mus musculus</i> (house mouse) ]
<b>Official Symbol</b>	Vasn
<b>Synonyms</b>	Vasn; vasorin; Atia; Slitl2; 2610528G05Rik; vasorin; Slit-like 2; protein slit-like 2
<b>Gene ID</b>	246154
<b>mRNA Refseq</b>	NM_139307
<b>Protein Refseq</b>	NP_647468
<b>UniProt ID</b>	Q9CZT5

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA