

Active Recombinant Mouse VASN Protein, C-His-tagged

Cat. No. VASN-17985M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse VASN Protein, fused to His-tag at C-terminus, was expressed in NS0.
Species	Mouse
Source	NS0
ProteinLength	Cys25-Pro576
Description	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).
Form	Lyophilized from a 0.2 µm filtered solution in MOPS, NaCl, Ethylene Glycol and Trehalose.
Bio-activity	Measured by its binding ability in a functional ELISA. When Recombinant Mouse TGF- beta 2 is immobilized at 1 µg/mL (100µ/well), the concentration of Recombinant Mouse Vasorin/SLIT-like 2 that produces 50% of the optimal binding response is approximately 0.3-1.8µg/mL.
Molecular Mass	Predicted Molecular Mass: 61 kDa SDS-PAGE: 72-97 kDa, reducing conditions

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N-terminal Sequence Analysis	Cys25
Endotoxin	<0.10 EU per 1 µg of the protein by the LAL method.
Purity	>95%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie® Blue Staining.
Reconstitution	Reconstitute at 250 µg/mL in water.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

GENE INFORMATION

Gene Name	Vasn vasorin [Mus musculus (house mouse)]
Official Symbol	VASN
Synonyms	Atia; Slitl2; 2610528G05Rik
Gene ID	246154
mRNA Refseq	NM_139307.3
Protein Refseq	NP_647468.2
UniProt ID	Q9CZT5

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