Active Recombinant Mouse Vasn Protein (Cys25-Pro576), C-6×His tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse Vasorin/SLIT-like 2 Protein (Cys25-Pro576) with a C-terminal 6-His tag was expressed in Mouse myeloma cell line.
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).
Bio-activity	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.
Molecular Mass	Predicted Molecular Mass: 61 kDa SDS-PAGE: 72-97 kDa, reducing conditions
N-terminal Sequence	Cys25

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

GENE INFORMATION

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

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