

## Recombinant Mouse Vtn Protein, His-tagged

**Cat. No.** Vtn-576M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Vtn Protein (Asp20-Lys478) with N-His tag was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Asp20-Lys478
<b>Description</b>	Enables extracellular matrix binding activity. Involved in oligodendrocyte differentiation. Acts upstream of or within cell-matrix adhesion; extracellular matrix organization; and positive regulation of cell-substrate adhesion. Located in extracellular matrix. Is expressed in several structures, including alimentary system; central nervous system; embryo mesenchyme; metanephros; and retina. Human ortholog(s) of this gene implicated in Churg-Strauss syndrome; granulomatosis with polyangiitis; and thrombosis. Orthologous to human VTN (vitronectin).
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 56.5 kDa Accurate Molecular Mass: 60/66 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

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<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

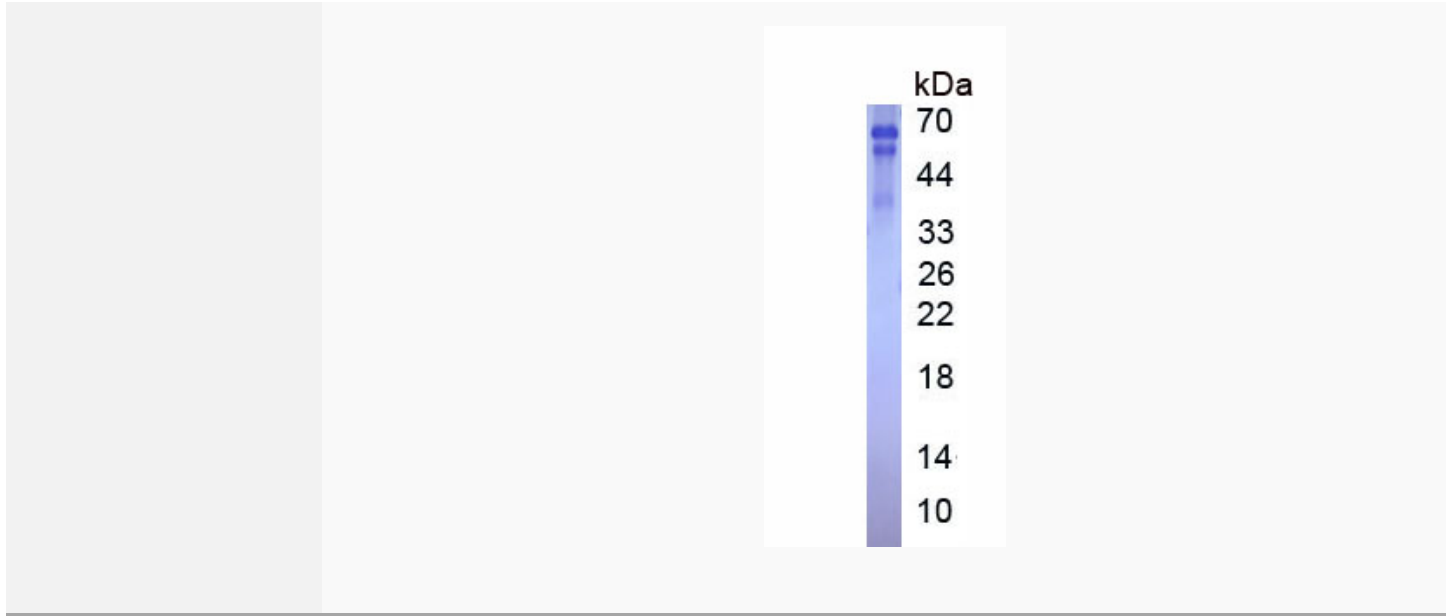
## GENE INFORMATION

<b>Gene Name</b>	Vtn vitronectin [ <i>Mus musculus</i> (house mouse) ]
<b>Official Symbol</b>	Vtn
<b>Synonyms</b>	VTN; vitronectin; S-protein; serum-spreading factor; Vn; AI256434
<b>Gene ID</b>	22370
<b>mRNA Refseq</b>	NM_011707
<b>Protein Refseq</b>	NP_035837
<b>UniProt ID</b>	P29788

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