

Recombinant Mouse Vtn Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse Vtn Protein (Asp20-Lys478) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Asp20-Lys478
Description	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).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 56.5 kDa Accurate Molecular Mass: 60/66 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

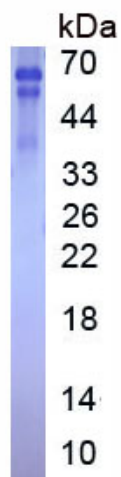
GENE INFORMATION

Gene Name	Vtn vitronectin [<i>Mus musculus</i> (house mouse)]
Official Symbol	Vtn
Synonyms	VTN; vitronectin; S-protein; serum-spreading factor; Vn; A1256434
Gene ID	22370
mRNA Refseq	NM_011707
Protein Refseq	NP_035837
UniProt ID	P29788

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