

Recombinant Rat Vtn protein, His-tagged

Cat. No. Vtn-5769R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Vtn aa. (Gln21~Arg400) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Gln21~Arg400
Description	May act as a cofactor for plasminogen activator inhibitor 1 (PAI-1) inhibition of thrombin.
Form	Freeze-dried powder
Molecular Mass	55kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 6.3.
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37°C 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°C for one month. Aliquot and store at -80°C for 12 months.

Concentration

200µg/mL

Storage buffer

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.

Reconstitution

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

Vtn vitronectin [*Rattus norvegicus* (Norway rat)]

Official Symbol

Vtn

Synonyms

Vtn; vitronectin; Vn; Aa1018

Gene ID

29169

mRNA Refseq

NM_019156.2

Protein Refseq

NP_062029.2

UniProt ID

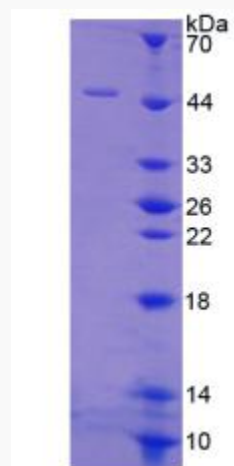
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SDS-PAGE



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