

Recombinant Rat Vtn1 Protein, His-tagged

Cat. No. Vtn1-1086R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant rat Vtn1 (NP_001019415.1) (Phe29-Ser256) was expressed with a polyhistidine tag at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	29-256 a.a.
Predicted N Terminal	Phe 29
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant rat Vtn1 consists 239 amino acids and predicts a molecular mass of 26.6 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Vtcn1 V-set domain containing T cell activation inhibitor 1 \[Rattus norvegicus \]](#)

Official Symbol [Vtcn1](#)

Synonyms VTCN1; V-set domain containing T cell activation inhibitor 1; V-set domain-containing T-cell activation inhibitor 1; immune costimulatory protein B7-H4; RGD1311204;

Gene ID [295322](#)

mRNA Refseq [NM_001024244](#)

Protein Refseq [NP_001019415](#)

MIM

UniProt ID

Function receptor binding; receptor binding;

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