

RP01368

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Recombinant Human Vasorin/SLITL2/VASN Protein

Catalog No.: RP01368

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	114990	Q6EMK4

Tags

C-His

Synonyms

VASN;SLITL2;vasorin

Background

Vasorin (VASN), a single-pass type I membrane protein, is also known as protein slit-like 2 and SLITL2, which contains one EGF-like domain, ten LRR (leucine-rich) repeats, one LRRCT domain and one LRRNT domain. Vasorin is predominantly expressed in vascular smooth muscle cells, and that its expression is developmentally regulated. Vasorin directly binds to transforming growth factor (TGF)- β and attenuates TGF- β signaling in vitro. This suggests that down-regulation of vasorin expression contributes to neointimal formation after vascular injury and that vasorin modulates cellular responses to pathological stimuli in the vessel wall.

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Endotoxin

<1EU/ μ g

Formulation

Lyophilized from a 0.22 μ m filtered solution of PBS, pH 7.4.

Reconstitution

Centrifuge the vial before opening.
Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.
Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Basic Information

Description

Recombinant Human Vasorin/SLITL2/VASN Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Met1-Pro575) of human VASN/SLITL2/Vasorin (Accession #NP_612449.2.) fused with a 6 \times His tag at the C-terminus.

Bio-Activity

Storage

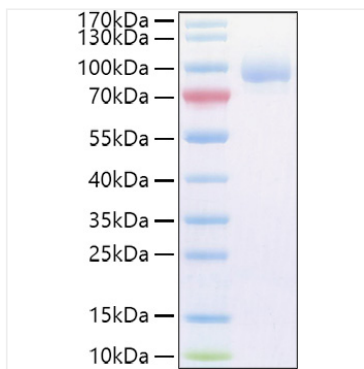
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
Avoid repeated freeze/thaw cycles.

Contact

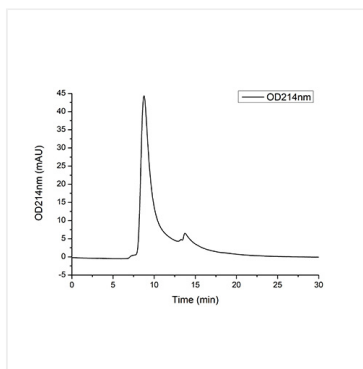


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Validation Data



Recombinant Human Vasorin/SLIT-like 2/VASN Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 80-100kDa.



The purity of Human VASN/SLITL2/Vasorin Protein (Cat.RP01368) was greater than 95% as determined by SEC-HPLC.