Recombinant Human Vasorin/SLITL2/VASN Protein

Catalog No.: RP01368

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Sequence Information

Species
Human

Gene ID
114990

Swiss Prot
Q6EMK4

Tags
C-His

Synonyms
VASN,SLITL2,vasorin

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by SDS-PAGE;≥95 % as determined by HPLC.

Calculated MW
62.96 kDa

Observed MW
80-100 kDa

Endotoxin
< 1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from a 0.22 μm 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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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 It 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.

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×His tag at the C-terminus.

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

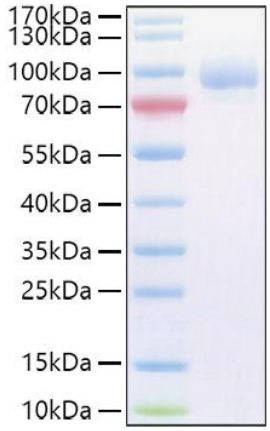
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

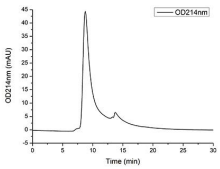
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Validation Data



Recombinant Human Vasorin/SLITL2/VASN Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



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