



RPCB1122

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**Product Information**

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|---------------------|----------|--------------------|--------|--------------|------|
| <b>Product SKU:</b> | RPCB1122 | <b>Gene ID:</b>    | 114990 | <b>Size:</b> | 10µg |
| <b>Tag:</b>         | C-His    | <b>Reactivity:</b> | Human  |              |      |

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**Additional Information**

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|-------------------------|--------------------|-------------------|--------|
| <b>Expression Host:</b> | HEK293 cells       | <b>Swissprot:</b> | Q6EMK4 |
| <b>Purity:</b>          | > 95% by SDS-PAGE. |                   |        |

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**Protein Information**

**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)- $\beta$  and attenuates TGF- $\beta$  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.

**Protein Description:** High quality, high purity and low endotoxin recombinant Recombinant Human Vasorin/SLITL2/VASN Protein, tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

**Endotoxin:** <1EU/µg

**Formulation:** Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

**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.