



Recombinant Protein Technical Manual

Recombinant Human Vasorin/VASN Protein (His Tag)

RPES2465

Product Data:

Product SKU: RPES2465

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: Q6EMK4

Protein Information:

Molecular Mass: 60.8 kDa

AP Molecular Mass: 90 kDa

Tag: C-6His

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, 5% Threhalose, pH 7.2.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Vasorin; Protein Slit-Like 2; VASN; SLITL2

Immunogen Information:

Sequence: Cys24-Pro575

Background:

Vasorin is a Type I membrane protein, which is predominantly expressed in vascular smooth muscle cells in a developmentally regulated pattern. The expression level of Vasorin can be down regulated during vessel repair after arterial injury. Vasorin binds to transforming growth factor beta (TGF- β) and attenuates TGF- β signaling in vitro.