

Human Vasorin / VASN Protein, His Tag

Catalog # VAN-H52H3



Synonym

VASN, SLITL2, Vasorin

Source

Human Vasorin, His Tag (VAN-H52H3) is expressed from human 293 cells (HEK293). It contains AA Cys 24 - Pro 575 (Accession # [AAH68575](#)).
Predicted N-terminus: Cys 24

Molecular Characterization

Vasorin(Cys 24 - Pro 575)
AAH68575

Poly-his

[Other Tags and Version](#) [Biotin & Other Labeled Version](#)

This protein carries a polyhistidine tag at the C-terminus.
The protein has a calculated MW of 61.6 kDa. The protein migrates as 80-100 kDa when calibrated against [Star Ribbon Pre-stained Protein Marker](#) under reducing (R) condition (SDS-PAGE) due to glycosylation.

Endotoxin

Less than 1.0 EU per µg by the LAL method / rFC method.

Purity

>95% as determined by SDS-PAGE.

Formulation

Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Contact us for customized product form or formulation.

Reconstitution

Please see Certificate of Analysis for specific instructions.
For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.

Storage

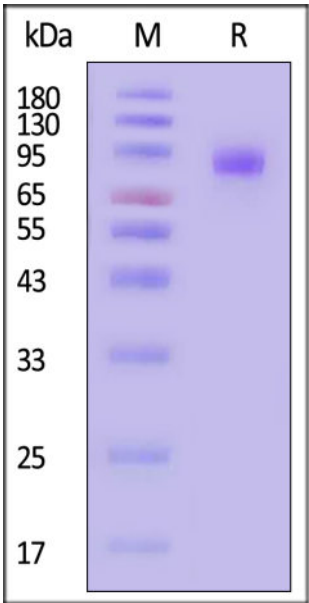
For long term storage, the product should be stored at lyophilized state at -20°C or lower.
Please avoid repeated freeze-thaw cycles.
This product is stable after storage at:

- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

ACRO Quality Management System

- [QMS\(ISO, GMP\)](#)
- [Quality Advantages](#)
- [Quality Control Process](#)

SDS-PAGE



Human Vasorin, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95% (With [Star Ribbon Pre-stained Protein Marker](#)).

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. VASN is expressed at highest levels in aorta, at intermediate levels in kidney and placenta and at lowest levels in brain, heart, liver, lung and skeletal muscle. VASN can interact selectively and non-covalently with TGF-beta, transform growth factor beta, a multifunctional peptide that controls proliferation, differentiation and other functions in many cell types. In general, VASN may act as an inhibitor of TGF-beta signaling.



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