Datasheet for ABIN7535366

Vasn Protein (His tag)

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Overview

Quantity:	100 µg
Target:	Vasn
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Vasn protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Vasorin/SLIT-like 2/VASN Protein
Sequence:	MCSRVPLLLP LLLLLALGPG VQGCPSGCQC SQPQTVFCTA RQGTTVPRDV PPDTVGLYVF ENGITMLDAG SFAGLPGLQL LDLSQNQIAS LPSGVFQPLA NLSNLDLTAN RLHEITNETF RGLRRLERLY LGKNRIRHIQ PGAFDTLDRL LELKLQDNEL RALPPLRLPR LLLLDLSHNS LLALEPGILD TANVEALRLA GLGLQQLDEG LFSRLRNLHD LDVSDNQLER VPPVIRGLRG LTRLRLAGNT RIAQLRPEDL AGLAALQELD VSNLSLQALP GDLSGLFPRL RLLAAARNPF NCVCPLSWFG PWVRESHVTL ASPEETRCHF PPKNAGRLLL ELDYADFGCP ATTTTATVPT TRPVVREPTA LSSSLAPTWL SPTEPATEAP SPPSTAPPTV GPVPQPQDCP PSTCLNGGTC HLGTRHHLAC LCPEGFTGLY CESQMGQGTR PSPTPVTPRP PRSLTLGIEP VSPTSLRVGL QRYLQGSSVQ LRSLRLTYRN LSGPDKRLVT LRLPASLAEY TVTQLRPNAT YSVCVMPLGP GRVPEGEEAC GEAHTPPAVH SNHAPVTQAR EGNLP
Specificity:	Met1-Pro575
Purity:	> 95 % by SDS-PAGE.
Sterility:	0.22 µm filtered

Product Details

Endotoxin Level:	<1EU/μg

Target Details

Target:	Vasn
Alternative Name:	Vasorin/SLIT-like 2/VASN (Vasn Products)
Background:	Description: 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. Name: VASN,SLITL2,vasorin
Gene ID:	114990
UniProt:	Q6EMK4

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid votex 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.
Buffer:	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.
Storage:	-20 °C,-80 °C
Storage Comment:	Store the lyophilized protein at -20°C to -80°C for long term.|After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.