

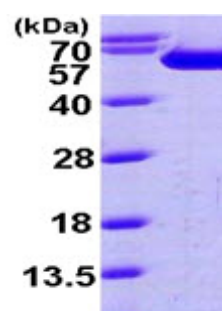
AR09600PU-N

Human Fascin (1-493, His-tag) - Purified

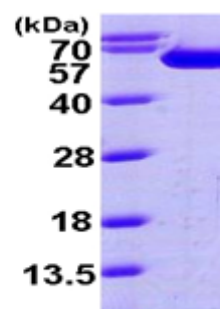
Alternate names:	55 kDa actin-bundling protein, Dendritic cell marker, FAN1, HSN, SCN1, SNL, Singed-like protein, p55
Quantity:	0.1 mg
Concentration:	1.0 mg/ml (determined by Bradford assay)
Background:	FSCN1 is an actin-bundling protein that provides rigidity to filopodial bundles to efficiently push the membrane forward during cytoskeleton remodeling and cell migration. Probably involved in the assembly of actin filament bundles present in microspikes, membrane ruffles, and stress fibers. And this protein is absent from most normal epithelia yet is upregulated in multiple forms of human carcinoma, where its expression correlates clinically with a poor prognosis. FSCN1 expression has been localized to neurons, glial cells, and endothelial cells.
Uniprot ID:	Q16658
NCBI:	NP_003079
GeneID:	6624
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 2 mM DTT, 100 mM NaCl
Description:	Recombinant human FSCN1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHH SSGLVPRGSH MTANGTAEAV QIQFGLINCG NKYLTAEEAFG FKVNASASSL KKKQIWTLEQ PPDEAGSAV CLRSHLGRYL AADKDGNTVC EREVPGPDCR FLIVAHDDGR WSLQSEAHRR YFGGTEDRLS CFAQTVSPAE KWSVHIAMHP QVNIYSVTRK RYAHLSARPA DEIAVDRDVP WGVDSLITLA FQDQRYSVQT ADHRFLRHDG RLVARPEPAT GYTLEFRSGK VAFRDCEGRY LAPSGPSGTL KAGKATKV GK DELFALEQSC AQVVLQAANE RNVSTRQGMD LSAHQDEETD QETFQLEIDR DTKKCAFRTH TGKYWTLTAT GGVQSTASSK NASCYFDIEW RDRRITLRAS NGKFVTSKKN GQLAASVETA GDSFLMLKL INRPIIVFRG EHGFIGCRKV TGTLDANRSS YDVFQLEFND GAYNIKDSTG KYWTVGSDSA VTSSGDTVPD FFEFCDYNK VAIKVGGRYL KGDHAGVLKA SAETVDPASL WEY Molecular weight: 56.7 kDa (513aa)
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Wu D, et al. (2010) Ann Oncol. 21(3):589-96. Shin H, et al. (2009) Phys Rev Left 103(23):238102.

Pictures:

Recombinant human FSCN1, 1-493aa, His-tagged



15% SDS-PAGE (3ug)



15% SDS-PAGE (3ug)