

Product datasheet for **AR09600PU-L**

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

Product data:

Product Type:	Recombinant Proteins
Description:	Fascin (1-493, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MTANGTAEAV QIQFGLINCG NKYLTAEAFG FKVNASASSL KKKQIWTLEQ PPDEAGSAAV CLRSHLGRYL AADKDGNTVC EREVPGPDCR FLIVAHDDGR WSLQSEAHRR YFGGTEDRLS CFAQTVSPA E KWSVHIAMHP QVNIYSVTRK RYAHLSARPA DEIAVDRDVP WGVDSLITLA FQDQRYSVQT ADHRFLRHDG RLVARPEPAT GYTLFRSGK VAFRDCEGRY LAPSGPSGTL KAGKATKVGK DELFALEQSC AQVVLQAANE RNVSTRQGMD LSAHQDEETD QETFQLEIDR DTKKCAFRTH TGKYWTLTAT GGVQSTASSK NASCYFDIEW RDRRITLRAS NGKFVTSKKN GQLAASVETA GDSEFLMKL INRPIIVFRG EHGFIGCRKV TGTL DANRSS YDVFQLEFND GAYNIKDSTG KYWTVGSDSA VTSSGDTPVD FFFEFCDYNK VAIKVGGRYL KGDHAGVLKA SAETVDPASL WEY
Tag:	His-tag
Predicted MW:	56.7 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 2 mM DTT, 100 mM NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human FSCN1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
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.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_003079</u>
Locus ID:	6624



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UniProt ID: [Q16658](#), [A0A384MEG1](#), [B3KTA3](#)

Cytogenetics: 7p22.1

Synonyms: FAN1; HSN; p55; SNL

Summary: This gene encodes a member of the fascin family of actin-binding proteins. Fascin proteins organize F-actin into parallel bundles, and are required for the formation of actin-based cellular protrusions. The encoded protein plays a critical role in cell migration, motility, adhesion and cellular interactions. Expression of this gene is known to be regulated by several microRNAs, and overexpression of this gene may play a role in the metastasis of multiple types of cancer by increasing cell motility. Expression of this gene is also a marker for Reed-Sternberg cells in Hodgkin's lymphoma. A pseudogene of this gene is located on the long arm of chromosome 15. [provided by RefSeq, Sep 2011]

Product images:

