

FSCN1 recombinant protein

FSCN1, 1-493aa, Human, His tag, E Coli

CATALOG # AAA48594	HOST E Coli	APPLICATIONS SDS-Page
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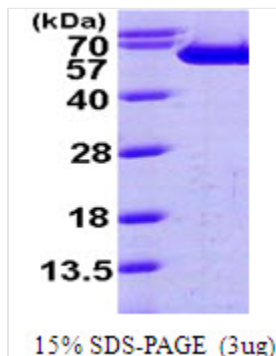
PRODUCT SYNONYMS

FSCN1; 1-493aa; Human; His tag; E Coli; Fascin; FAN1; HSN; SNL; FSCN1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid. 20mM Tris-HCl Buffer (pH 8.0) containing 20% glycerol, 2mM DTT, 100mM NaCl
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MTANGTAEAV QIQGLINCG NKYLTAEAFG FKVNASASSL KKKQIWTLEQ PPDEAGSAAV CLRSHLGRYL AADKDGNVTC EREVPGPDCR FLIVAHDDGR WSLQSEAHRR YFGGTEDRLS CFAQTVSPAE KWSVHIAMHP QVNIYSVTRK RYAHLSARPA DEIAVDRDVP WGVDSLITLA FQDQRYSVQT ADHRFLRHDG RLVARPEPAT GYTLEFRSGK VAFRDCEGRY LAPSGPSGTL KAGKATKVGK DELFALEQSC AQVVLQAANE RNVSTRQGMD LSAHQDEETD QETFQLEIDR DTKKCAFRTH TGKYWTLTAT GGVQSTASSK NASCYFDIEW RDRRITLRAS NGKFVTSKKN GQLAASVETA GDSSELFMLKL INRPPIVFRG EHGFICRKV TGTLDANRSS YDVFQLEFND GAYNIKDSTG KYWTVGSDSA VTSSGDTPVD FFFEFCDYNK VAIKVGGRYL KGDHAGVLKA SAETVPASL WEY
Sequence Length	1-493
Applicable Applications for FSCN1 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

ADDITIONAL INFORMATION

Related Product Information for FSCN1 recombinant protein	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. Recombinant human FSCN1 protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for FSCN1 recombinant protein	Cytoskeleton
References	Directional transport by nonprocessive motor proteins on fascin-cross-linked actin arrays. Yongkuk Lee & Parviz Famouri (2013)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507115
NCBI GeneID	6624
NCBI Accession #	NP_003079
NCBI GenBank Nucleotide #	NM_003088.3
UniProt Accession #	Q16658; Q96IC5; Q96IH1; Q9BRF1; A6NI89; B2RE97
Molecular Weight	56.7kDa (513aa)
NCBI Official Full Name	fascin
NCBI Official Synonym Full Names	fascin actin-bundling protein 1
NCBI Official Symbol	FSCN1
NCBI Official Synonym Symbols	HSN; SNL; p55; FAN1
NCBI Protein Information	fascin
UniProt Protein Name	Fascin
UniProt Gene Name	FSCN1
UniProt Synonym Gene Names	FAN1; HSN; SNL

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/fscn1-recombinant-protein-e-coli-sds-page/48594>