

FSCN1, 1-493aa, Human, His tag, E.coli

Cat.NO.: TP02152

3th Edition

Synonyms:Fascin, FAN1, HSN, SNL

Description: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.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol,2mM DTT, 100mM NaCl

Molecular Weight:56.7kDa (513aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMTANGTAEAVQIQFGLINCGNKYLTAEAFGFKVNASASSLKKKQIWTLEQPPDEA
GSAAVCLRSHLGRYLAADKGNVTCEREVPGPDCRFLIVAHDDGRWSLQSEAHRRYFGGTEDRLSCFAQTVSPA
EKWSVHIAMHPQVNIYSVTRKRYAHL SARP ADEIAVDRDVPWGVDSLITLAFQDQRYSVQTADHRFLRHDGRLVAR
PEPATGYTLEFRSGKVAFRDCEGRYLAPSGPSGTLKAGKATKVGKDELFALEQSCAQVVLQAANERNVSTRQGM
DLSANQDEETDQETFQLEIDRDTKKCAFRTHTGKYWTLTATGGVQSTASSKNASCYFDIEWRDRRITLRASNGKFV
TSKKNQQLAASVETAGDSELFLMKLINRPIIVFRGEHGFICRKVTGTL DANRSSYDVFQLEFNDGAYNIKDSTGKY
WTVGSDSAVTSSGDTPVDFFFEFCDYNKVAIKVGGRYLKGDHAGVLKASAETVDPASLWEY

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.