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FSCN1 Human

Recombinant Human Fascin
RCP0877

Product Overview

Name	FSCN1 Human
Description	
Recombinant Human Fascin	
Accession (Primary)	Q96IH1
Synonyms	
Strongylocentrotus Purpuratus, actin-bundling protein, FAN1, HSN, SNL.	
Introduction	
FSCN1 is an actin-bundling protein that is responsible for rigidity to filopodial bundles to efficiently push the membrane forward during cytoskeleton remodeling and cell migration. FSCN1 takes part in the gathering of actin filament bundles present in microspikes, membrane ruffles, and stress fibers. FSCN1 is absent from most normal epithelia though is upregulated in multiple forms of human carcinoma, where its expression associates clinically with a poor prognosis. FSCN1 expression is abundantly found in neurons, glial cells, and endothelial cells.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
1mg/ml solution containing 20mM Tris pH-8, 2mM DTT, 0.1M NaCl & 20% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MTANGTAEAV QIQFGLINCG 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 LSANQDEETD QETFQLEIDR DTKKCAFRTH TGKYWTLTAT GGVQSTASSK NASCYFDIEW RDRRITLRAS NGKFVTSKKN GQLAASVETA GDSELFLMKL INRPIIVFRG EHGFIGCRKV TGTLDANRSS YDVFQLEFND GAYNIKDSTG KYWTVGSDSA VTSSGDTPVD FFFEFCDYNK VAIKVGGRYL KGDHAGVLKA SAETVDPASL WEY.

Precautions

FSCN1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q96IH1)