

FASCIN1 PROTEIN

产品名称: Fascin1 蛋白

货号 10150

产品全名: Fascin1 蛋白

基因符号 Fascin homolog 1, actin-bundling protein, FSCN1, SNL, p55

Source: Human, recombinant full length, his-tag

Expression 种属反应性: E. coli

分子量: 55 kDa

纯化: >95% by SDS-PAGE

Introduction: Fascin is an ~58 kDa monomeric actin filament bundling protein. It is required to maximally cross-link the actin filaments into straight, compact, and rigid bundles, and contributes to the formation of filopodia that are critical for cell migration. Elevated levels of fascin have been found in metastatic tumors and are correlated with clinically aggressive phenotypes, poor prognosis, and shorter survival.

Amino Acid Sequence (1-493)

MTANGTAEAVQIQFGLINCGNKYLTAFAFGFKVNASASSLKKKQIWTLEQPPDEAGSAAVCLRSHLG
RYLAADKDGNTVCEREVPGPDCRFLIVAHDDGRWSLQSEAHRRYFGGTEDRLSCFAQTVSPA EKWSV
HIAMHPQVNIYSVTRKRYAHL SARP ADEIAVDRDVPWGVDSLITLAFQDQRYSVQTADHRFLRHDGRLVA
RPEPATGYTLFRSGKVAFRDCEGRYLAPSGPSGTLKAGKATKVGKDELFALEQSCAQVVLQAANERNV
STRQGMDSL ANQDEETDQETFQLEIDRDTKKCAFRTHTGKYWTLTATGGVQSTASSKNASCYFDIEWRD
RRITLRASNGKFVTSKKNQLAASVETAGDSEFLMKLINRPIIVFRGEHGFICR KVTGTL DANRSSYD
VFQLEFNDGAYNIKDSTGKYWTVGSDSAVTSSGDTPVDFFFEFC DYNKVAIKVGGRYLKGDHAGVLKA
SAETVDPASLWEY

Properties

Physical Appearance (form): Dissolved in 20mM Tris-HCl, pH8.0, 150mM NaCl.

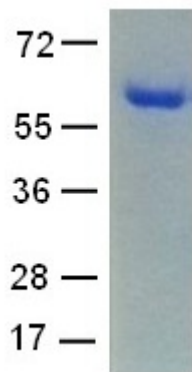
Physical Appearance (form): White or clear.

Concentration: 1 mg/mL

Storage: -80°C

Preparation Instructions:

Centrifuge the vial before open the cap and reconstitute in water. Adding of 10 mM β -mercaptoethanol or 1 mM DTT into the solution to protect the protein is recommended and using of non-ionic detergents such as n-Dodecyl β -D-maltoside(DoDM) or polyethylene detergents (e.g. C12E10) also help to stabilize the protein. Avoid repeated freezing and thawing after reconstitution. The purity of His6-tagged. Fascin was determined by SDS-PAGE and Coomassie Brilliant Blue Staining



References:

1. Mosialos, G. et al., *Am. J. Path.* 148: 593-600, 1996.
2. Ono, S. et al., *J. Biol. Chem.* 272: 2527-2533, 1997.
3. Pinkus, G. S. et al., *Am. J. Path.* 150: 543-562, 1997.