

Recombinant Human FSCN1 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. FSCN1-165H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FSCN1 MS Standard C13 and N15-labeled recombinant protein (NP_003079) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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]
Molecular Mass	54.6 kDa
AA Sequence	MTANGTAEAVQIQFGLINCGNKYLTAEAFGFKVNASASSLKKKQIWTLEQPPDEAGS AAVCLRSHLGRYLAADKDGNTCEREVPGPDCRFLIVAHDDGRWSLQSEAHRRYF GGTEDRLSCFAQTVSPA EKWSVHIAMHPQVNIYSVTRKRYAHL SARP ADEI AVDRD VPWGVDSLITLAFQDQRYSVQTADHRFLRHDGRLVARPEPATGYTLEFRSGKVAFR

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DCEGRYLAPSGPSGTLKAGKATKVGKDELFALEQSCAQVVLQAANERNVSTRQGM
 DLSANQDEETDQETFQLEIDRDTKKCAFRTHTGKYWTLTATGGVQSTASSKNASCY
 FDIEWRDRRITLRASNGKFVTSKKNGQLAASVETAGDSEFLMKLINRPIIVFRGEHG
 FIGCRKVTGTLDANRSSYDVFQLEFNDGAYNIKDSTGKYWTVGSDSVVTSSGDTPV
 DFFFEFCDYNKVAIKVGGRYLKGDHAGVLKASAETVDPASLWEYSGPTRTRPLEQK
 LISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name FSCN1 fascin actin-bundling protein 1 [Homo sapiens (human)]

Official Symbol FSCN1

Synonyms FSCN1; fascin actin-bundling protein 1; FAN1; HSN; p55; SNL; fascin; 55 kDa actin-bundling protein; epididymis secretory sperm binding protein; fascin homolog 1, actin-bundling protein; singed-like (fascin homolog, sea urchin)

Gene ID 6624

mRNA Refseq NM_003088

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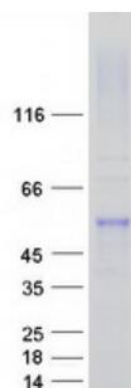
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Protein Refseq NP_003079

MIM 602689

UniProt ID Q16658

SDS-PAGE



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