

Recombinant Full Length Human FSCN1 Protein, GST-tagged

Cat. No. FSCN1-5075HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FSCN1 full-length ORF (NP_003079.1, 1 a.a. - 493 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	493 amino acids
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	80.63 kDa
AA Sequence	MTANGTAEAVQIQFGLINCGNKYLTAEAFGFKVNASASSLKKKQIWTLEQPPDEAGS AAVCLRSHLGRYLAADKDGNTCEREVPGPDCRFLIVAHDGGRWSLQSEAHRRYF GGTEDRLSCFAQTVSPA EKWSVHIAMHPQVNIYSVTRKRYAHL SARP ADEIAVDRD VPWGVDSLITLAFQDQRYSVQTADHRFLRHDGRLVARPEPATGYTLEFRSGKVAFR

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DCEGRYLAPSGPSGTLKAGKATKVGKDELFALEQSCAQVVLQAANERNVSTRQGM
 DLSANQDEETDQETFQLEIDRDTKKCAFRTHTGKYWTLTATGGVQSTASSKNASCY
 FDIEWRDRRITLRASNGKFVTSKKNGQLAASVETAGDSEFLMKLINRPIIVFRGEHG
 FIGCRKVTGTL DANRSSYDVFQLEFNDGAYNIKDSTGKYWTVGSDSAVTSSGDTPV
 DFFFEFCDYNKVAIKVGGRYLKGDHAGVLKASAETVDPASLWEY

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

FSCN1 fascin homolog 1, actin-bundling protein (Strongylocentrotus purpuratus) [Homo sapiens]

Official Symbol

FSCN1

Synonyms

FSCN1; fascin homolog 1, actin-bundling protein (Strongylocentrotus purpuratus); singed (Drosophila) like (sea urchin fascin homolog like), SNL; fascin; actin bundling protein; FLJ38511; p55; Singed; drosophila; homolog like; 55 kDa actin-bundling protein; singed-like (fascin homolog, sea urchin); HSN; SNL; FAN1; FLJ43305;

Gene ID

6624

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mRNA Refseq	NM_003088
Protein Refseq	NP_003079
MIM	602689
UniProt ID	Q16658

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