

Recombinant Human FSCN1, His-tagged

Cat. No. FSCN1-13012H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FSCN1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-187a.a.
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 Hodgkins lymphoma. A pseudogene of this gene is located on the long arm of chromosome 15.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

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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
mRNA Refseq	NM_003088
Protein Refseq	NP_003079
MIM	602689
UniProt ID	Q16658
Chromosome Location	7p22
Function	actin binding; actin filament binding; drug binding; protein binding; protein binding, bridging;