

## Product datasheet for **TP724823**

### Fascin (FSCN1) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Fascin/FSCN1
Species:	Human
Expression cDNA Clone or AA Sequence:	Met1-Tyr493
Buffer:	Supplied as a 0.2 um filtered solution of 25mM Tris,100mM NaCl,2mM DTT,10% Glycerol, pH8.0.
Note:	Recombinant Human Fascin is produced by our E.coli expression system and the target gene encoding Met1-Tyr493 is expressed.
Storage:	Store at $\leq -70^{\circ}\text{C}$ , stable for 6 months after receipt. Store at $\leq -70^{\circ}\text{C}$ , stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Stability:	12 months from date of despatch
Locus ID:	6624
UniProt ID:	<a href="#">Q16658</a>
Synonyms:	FAN1; HSN; p55; SNL; Singed like protein; Fascin1; actin bundling protein
Summary:	Fascin is a structural protein found in mesenchyme, nervous, and retinal tissue and is used in the bundling of actin molecules. Fascin proteins organize F-actin into parallel bundles, and are required for the formation of actin-based cellular protrusions. The role of Fascin in regulating cytoskeletal structures for the maintenance of cell adhesion, coordinating motility and invasion through interactions with signalling pathways is an active area of research especially from the cancer biology perspective. Abnormal fascin expression or function has been implicated in multiple types of cancer, such as breast cancer, colon cancer, esophageal squamous cell carcinoma, gallbladder cancer, pancreatic cancer, and prostate cancer. It is also a marker that helps identify Hodgkin's lymphoma. In addition, studies have shown that fascin plays a major role in immune suppression.



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