

Product datasheet for **TP727607**

Fibronectin (FN1) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Fibronectin ED-B domain (N-Avi-His)(biotinylation)
Species:	Human
Expression cDNA Clone or AA Sequence:	Glu5-Thr95
Tag:	N-AVI&His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Biotinylated Recombinant Human Fibronectin is produced by our E.coli expression system and the target gene encoding Glu5-Thr95 is expressed with a 6His, Avi tag at the N-terminus.
Stability:	12 months from date of despatch
Locus ID:	2335
UniProt ID:	P02751
Summary:	Fibronectin is a high-molecular weight glycoprotein of the extracellular matrix that binds to membrane-spanning receptor proteins called integrins. Similar to integrins, fibronectin binds extracellular matrix components such as collagen, fibrin, and heparan sulfate proteoglycans. Fibronectin plays a major role in cell adhesion, growth, migration, and differentiation, and it is important for processes such as wound healing and embryonic development. Altered fibronectin expression, degradation, and organization has been associated with a number of pathologies, including cancer and fibrosis. Anastellin binds fibronectin and induces fibril formation. This fibronectin polymer, named superfibronectin, exhibits enhanced adhesive properties. Both anastellin and superfibronectin inhibit tumor growth, angiogenesis and metastasis. Anastellin activates p38 MAPK and inhibits lysophospholipid signaling.



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