

## Fibronectin

Cat. No.:	HY-P3160
CAS No.:	86088-83-7
Target:	Integrin
Pathway:	Cytoskeleton
Storage:	Sealed storage, away from moisture and light
	Powder    -80°C    2 years
	-20°C    1 year

\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

## Fibronectins

### SOLVENT & SOLUBILITY

In Vitro	H <sub>2</sub> O : 8.33 mg/mL (ultrasonic and adjust pH to 7 with NaOH)
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### BIOLOGICAL ACTIVITY

Description	Fibronectin, a glycoprotein (~500 kDa) present in blood as well as in cells, is a biomarker of tissue injury. Fibronectin binds to membrane-spanning receptor proteins called integrins. Fibronectin also binds to other extracellular matrix proteins such as collagen, fibrin, and heparan sulfate proteoglycans <sup>[1]</sup> .
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In Vitro	Fibronectin (FN) is a glycoprotein present in blood as well as in cells. While Fibronectin (FN) in blood has many functions, its primary role is to promote wound repair following injury <sup>[1]</sup> . Fibronectin also binds to other extracellular matrix proteins such as collagen, fibrin, and heparan sulfate proteoglycans (e.g. syndecans) <sup>[2]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.
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### REFERENCES

[1]. Yuan-Wan Sun, et al. Effects of E-Cigarette Aerosols with Varying Levels of Nicotine on Biomarkers of Oxidative Stress and Inflammation in Mice. Chem Res Toxicol. 2021 Apr 19;34(4):1161-1168.

[2]. Roumen Pankov, et al. Fibronectin at a glance. J Cell Sci. 2002 Oct 15;115(Pt 20):3861-3.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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