

## Fibronectin (recombinant human)

## Chemical Properties

CAS No. : 86088-83-7

Formula:

Molecular Weight:

Storage: Store at low temperature  
Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
Actual storage temperature shall be subject to the COA.

## Fibronectin

## Biological Description

Description	Fibronectin is a macromolecular glycoprotein found in blood, connective tissue, and cell surfaces that serves as a biomarker for tissue damage. Fibronectin is recognized by the integrin family of surface receptors. Fibronectin is used in the study of primary open-angle glaucoma. Fibronectin is used in the study of primary open-angle glaucoma. Fibronectin is used in the study of metastatic prostat
Targets(IC50)	Integrin
In vitro	Fibronectin (FN) is a glycoprotein present in both blood and cells. While Fibronectin has various functions in the blood, its primary role is to promote wound healing after injury [2]. In addition to its role in wound healing, Fibronectin also binds to other extracellular matrix proteins such as collagen, fibrinogen, and heparan sulfate proteoglycans (e.g., glycosaminoglycans)[1].

## Solubility Information

Solubility	H2O: 5 mg/mL, when pH is adjusted to 7 with NaOH. Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Reference

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

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.

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