



# Rat Tail Collagen Type I (DAG-WT1330)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

Purity	> 95%
Conjugate	N/A
Applications	Cell culture
Format	Liquid
Concentration	> 2 mg/mL
Storage	Store at 2-8°C

## BACKGROUND

Introduction	Rat tail collagen is a widely used matrix, the main component of which is type I collagen. It can interact with integrin $\alpha 2$ , $\alpha 6$ , P1 and other receptors on the cell surface to mediate the adhesion between cells and extracellular matrix and between cells, induce a series of signal transduction functions, and promote cell proliferation, growth and metabolism. Its three-dimensional spatial structure plays an anchoring and supporting role for fine cells, providing a more suitable microenvironment for cell proliferation and functional differentiation, which helps to establish a good cell signaling pathway between cells and promote faster cell proliferation and differentiation.
Keywords	Rat tail collagen; Type I collagen