

Datasheet: 2150-1915

Description:	NATIVE RAT COLLAGEN I
Name:	COLLAGEN I
Format:	Purified
Product Type:	Purified Protein
Quantity:	10 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
ELISA	■			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

Target Species	Rat
Product Form	Purified protein from rat tail tendon - lyophilized
Reconstitution	Reconstitute in ice cold 0.05 M acetic acid, pH 3.5. Solubility - 10 mg/ml.
Preparation	Collagen was extracted from washed dissected tissue into dilute acetic acid after pepsin treatment. Collagen type I was purified by using differential salt precipitation.
Buffer Solution	Essentially salt free
Preservative Stabilisers	None present.

External Database Links

UniProt:

[P02454](#) [Related reagents](#)
[P02466](#) [Related reagents](#)

Entrez Gene:

[29393](#) Col1a1 [Related reagents](#)

Product Information	Native Rat collagen I is purified rat collagen I derived from tail tendon tissue.
Purity	SDS PAGE: >90% Rat collagen type III 10% Rat collagen, other types <1% Non-collagen proteins <0.5%
Further Reading	1. Miller, E.J. & Gay, S. (1982) Collagen: an overview. Methods Enzymol. 82 Pt A: 3-32.
Storage	Store at -20°C only. Storage in frost-free freezers is not recommended. Do not freeze after reconstitution. Stable for 1-2 months at 4°C.
Guarantee	Guaranteed until date of expiry. Please see product label.
Health And Safety Information	Material Safety Datasheet documentation #10268 available at: https://www.bio-rad-antibodies.com/SDS/2150-1915 10268
Regulatory	For research purposes only

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)
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