

Product datasheet for **AR00158FC-N**

Collagen type I Bovine Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Collagen type I bovine protein, 10 mg |
| Species: | Bovine |
| Concentration: | lot specific |
| Purity: | Enzymatically pre-treated and further purified by Ion-Exchange Chromatography. |
| Conjugation: | FITC |
| Buffer: | State: Liquid purified peptide, FITC-labeled Buffer System: 0.01M Acetic Acid. Presentation Label: FITC |
| Preparation: | Liquid purified peptide, FITC-labeled |
| Applications: | Used for the Assay of Mammalian Collagenase activity. FITC-labeled collagen can also be used as a substrate for cell culture. Collagen degradation products in the culture supernatants can be directly determined by measured the fluorescence at 520 nm (Emission)/490 nm (Excitation). To heat denature collagen for preparing a substrate for Gelatinase, transfer Collagen solution to a brown glass bottle and heat to 80°C. |
| Protein Description: | FITC-labeled Bovine type I is an excellent substrate for examining collagenase activity. This labelled substrate is highly purified and telo-peptide free. |
| Storage: | Store the product (in aliquots) at -20°C. Can be shipped at 2-8°C. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: One year from despatch. |
| RefSeq: | NP_001029211 |
| Locus ID: | 282187 |
| UniProt ID: | P02453 |
| Summary: | collagen type I alpha 1 |



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