

Datasheet for ABIN934519  
**Calcitonin Protein (Calca)**



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## Overview

Quantity:	1 mg
Target:	Calcitonin (Calca)
Origin:	Human
Source:	Synthetic
Protein Type:	Recombinant

## Product Details

Characteristics:	Purified recombinant Human Calcitonin Peptide Expression System: Synthetically derived
Purity:	> 95 % pure

## Target Details

Target:	Calcitonin (Calca)
Alternative Name:	Calcitonin ( <a href="#">Calca Products</a> )
Background:	Calcitonin is a 32-amino acid linear polypeptide hormone that is produced in humans primarily by the parafollicular cells (also known as C-cells) of the thyroid, and in many other animals in the ultimobranchial body. It acts to reduce blood calcium (Ca <sup>2+</sup> ), opposing the effects of parathyroid hormone (PTH).
Molecular Weight:	3.4 kDa

## Application Details

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Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

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Restrictions: For Research Use only

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## Handling

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Format: Lyophilized

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Reconstitution: Reconstitute with distilled water.

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Buffer: Supplied as a lyophilized powder.

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Precaution of Use: Recombinant proteins are not considered infectious. However, recombinant proteins can be potent immunogens capable of eliciting a strong antibody response. Use appropriate laboratory safety precautions when handling this product.

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Handling Advice: Avoid repeated freeze/thaw cycles.

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Storage: -20 °C

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Storage Comment: Aliquot and store at -20 °C.

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