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Datasheet for ABIN7505794

Calcitonin Protein (Calca) (AA 1-136) (His tag)

Overview

Quantity:	100 µg
Target:	Calcitonin (Calca)
Protein Characteristics:	AA 1-136
Origin:	Rat
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Calcitonin protein is labelled with His tag.

Product Details

Sequence:	Met1-Asn136
Characteristics:	A DNA sequence encoding the Rat CT protein (P01257) (Met1-Asn136) was expressed with a C-His.
Purity:	>95 % as determined by reducing SDS-PAGE.

Target Details

Target:	Calcitonin (Calca)
Alternative Name:	Calcitonin (Calca Products)
Background:	<p>Background: Calcitonin is a secreted protein which belongs to the calcitonin family. Calcitonin is cleaved into the following two chains: Calcitonin and Katalcalcin. Katalcalcin is a potent plasma calcium-lowering peptide. Calcitonin is a 32-amino acid linear polypeptide</p> <p>Synonym: CALC_RAT, Calcitonin, Calca, Calc</p>

Target Details

Molecular Weight: 14.85 kDa

UniProt: [P01257](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Expiry Date: 12 months