

Calcitonin Recombinant Protein | CALCA recombinant protein

Calcitonin Peptide

CATALOG #
AAA75301

PRODUCT SYNONYMS

Calcitonin; Calcitonin Peptide; CALCA recombinant protein

PRODUCT SPECIFICATIONS

Purity/Purification	> 95% pure
Form/Format	Supplied as a lyophilized powder. Reconstitute with distilled water.
Concentration	1.0 mg, lyophilized (varies by lot)
Sequence Length	141
Source	Synthetically derived human calcitonin
Protein Type	Recombinant
Grade	High Purity
Biological Significance	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 ²⁺), opposing the effects of parathyroid hormone (PTH).
Species	Human
Biohazard Information	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.
Expression System	Synthetically derived
Preparation and Storage	Ships on Blue Ice. Upon receipt store at 4°C short term; -20°C long term

ADDITIONAL INFORMATION

Related Product Information for CALCA recombinant protein	Purified recombinant Human Calcitonin Peptide
Product Categories/Family for CALCA recombinant protein	Hormones & Steroids

NCBI AND UNIPROT INFORMATION

NCBI GI #	179820
NCBI GeneID	796
UniProt Accession #	P01258 ; Q13935 ; Q13937 ; Q52LX7 ; B7ZL39 ; P06881
Molecular Weight	3.4 kDa
NCBI Official Full Name	calcitonin

NCBI Official Synonym Full Names	calcitonin-related polypeptide alpha
NCBI Official Symbol	CALCA
NCBI Official Synonym Symbols	CT; KC; CGRP; CALC1; CGRP1; CGRP-I
NCBI Protein Information	calcitonin; calcitonin gene-related peptide 1
UniProt Protein Name	Calcitonin
UniProt Gene Name	CALCA
UniProt Synonym Gene Names	CALC1; CCP
UniProt Entry Name	CALC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/calca-recombinant-protein/75301>