

Human CALCA/CGRP-I (His Tag) recombinant protein



Catalog Number: 503262

General Information

Gene Name Synonym

Calcitonin; Katalcalcin; Calcitonin carboxyl-terminal peptide; PDN-21

Protein Construction

A DNA sequence encoding the human CALCA (NP_001732.1) (Met1-Asn141) was expressed with a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 85 % as determined by SDS-PAGE.

Endotoxin

< 1.0 EU per μ g protein as determined by the LAL method.

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Ala 26

Molecular Mass

The recombinant human CALCA consists 127 amino acids and predicts a molecular mass of 14.2 kDa.

Formulation

Lyophilized from sterile PBS, pH 7.4.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

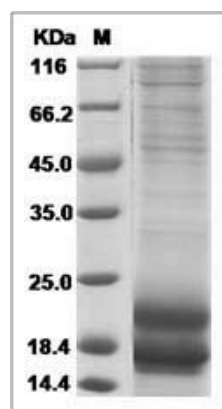
Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



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