

32-18273: Human CALCA(26-141) Protein, hFc Tag

Uniprot ID : P01258

Alternative Name : CALC1;CGRP;CGRP-alpha;CGRP-I;CGRP1;CT;KC;PCT

Description

Description : Recombinant Human CALCA(26-141) Protein with C-terminal human Fc tag

Background : This gene encodes the peptide hormones calcitonin, calcitonin gene-related peptide and katecalcine by tissue-specific alternative RNA splicing of the gene transcripts and cleavage of inactive precursor proteins. Calcitonin is involved in calcium regulation and acts to regulate phosphorus metabolism. Calcitonin gene-related peptide functions as a vasodilator and as an antimicrobial peptide while katecalcine is a calcium-lowering peptide. Multiple transcript variants encoding different isoforms have been found for this gene.

Molecular Characterization: mass of 38.9 kDa after removal of the signal peptide. The apparent molecular mass of CALCA(26-141)-hFc is approximately 35-55 kDa due to glycosylation.

Tag : C-Human Fc Tag

Product Info

Amount : 50 µg / 100 µg

Purification : The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

Content : Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

Storage condition : Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

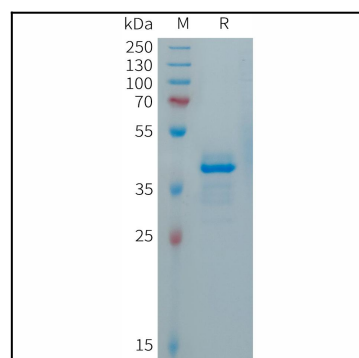


Figure 1. Human CALCA(26-141) Protein, hFc Tag on SDS-PAGE under reducing condition.