

HUMAN CALCA(85-141) PROTEIN, HFC TAG

货号: 11727

产品全名: 人 CALCA(85-141) 蛋白

规格: 10/50/100 µg

基因符号 CALCI;CGRP;CGRP-alpha;CGRP-I;CGRP1;CT;KC;PCT

目标蛋白: CALCA

UNIPROT ID: P01258

描述: Recombinant Human CALCA(85-141) Protein with C-terminal human Fc tag

背景: This gene encodes the peptide hormones calcitonin, calcitonin gene-related peptide and katalcalcin 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 katalcalcin is a calcium-lowering peptide. Multiple transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Aug 2014]

物种/宿主: HEK293

分子量: The protein has a predicted molecular mass of 32.4 kDa after removal of the signal peptide. The apparent molecular mass of CALCA(85-141)-hFc is approximately 35-55 kDa due to glycosylation.

分子特征: CALCA(Cys85-Asn141) hFc(Glu99-Ala330)

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

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

储存和运输: 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(85-141) Protein, hFc Tag on SDS-PAGE under reducing condition.