

PRODUCT INFORMATION

CALCA Target

CALC1;CGRP;CGRP-alpha;CGRP-I;CGRP1;CT;KC;PCT **Synonyms**

Recombinant Human CALCA(85-141) Protein with Description

C-terminal human Fc tag

Delivery In Stock **Uniprot ID** P01258 **Expression Host HEK293**

Tag C-Human Fc Tag

Molecular

CALCA(Cys85-Asn141) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of 32.4 kDa after removal of the signal peptide. The **Molecular Weight** apparent molecular mass of CALCA(85-141)-hFc is

approximately 35-55 kDa due to glycosylation. The purity of the protein is greater than 95% as

determined by SDS-PAGE and Coomassie blue **Purity**

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for Formulation & Reconstitution

specific instructions of reconstitution.

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 Storage & Shipping at -80°C (Avoid repeated freezing and thawing).

Lyophilized proteins are shipped at ambient

témperature.

This gene encodes the peptide hormones calcitonin, calcitonin gene-related peptide and katacalcin by tissue-specific alternative RNA splicing of the gene transcripts and cleavage of inactive precursor proteins. Calcitonin is involved

Background

in calcium regulation and acts to regulate phosphorus metabolism. Calcitonin gene-related peptide functions as a vasodilator and as an antimicrobial peptide while katacalcin is a calcium-lowering peptide. Multiple transcript variants encoding different isoforms have been found for

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this gene.[provided by RefSeq, Aug 2014]

Usage Research use only

Conjugate Unconjugated



/+86-400-006-0995(China)



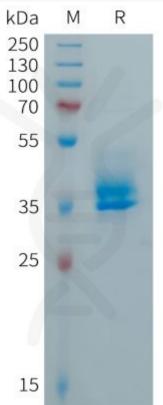


Figure 1.Human CALCA(85-141) Protein, hFc Tag on SDS-PAGE under reducing condition.

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