

## **PRODUCT INFORMATION**

**Target CGRP** 

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

Recombinant Human CGRP Protein with C-terminal Description

human Fc tag

Delivery In Stock P06881 **Uniprot ID HEK293 Expression Host** 

C-Human Fc Tag Tag

Molecular

**Purity** 

CGRP(Ala83-Phe119) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of 29.9

kDa after removal of the signal peptide. The apparent molecular mass of CGRP-hFc is **Molecular Weight** 

approximately 25-35 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

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

proteins are shipped at ambient temperature. 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 in calcium regulation

and acts to regulate phosphorus metabolism. Calcitonin gene-related peptide functions as a **Background** 

vasodilator and as an antimicrobial peptide while katacalcin is a calcium-lowering peptide. Multiple transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Aug

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Usage Research use only

Conjugate Unconjugated

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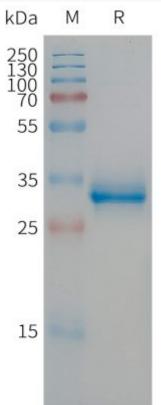


Figure 1.Human CGRP Protein, hFc Tag on SDS-PAGE under reducing condition.



