

## **PRODUCT INFORMATION**

**CGRP Target** 

**Synonyms** CA;Ct;Ctn;Calc;Calca;CGRP1;Calc1;CGRP-1 Recombinant mouse CGRP protein with C-**Description** 

terminal human Fc tag

**Delivery** In Stock **Uniprot ID** Q99JA0 **HEK293 Expression Host** 

Tag C-Human Fc Tag

Molecular

**Background** 

Mouse CGRP(Ser83-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 mCGRP-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

Purity

staining.

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

for 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

temperature.

This gene encodes the peptide hormones calcitonin, calcitonin gene-related peptide (CGRP) and katacalcin. Alternative splicing of the mRNA

results in multiple variants that encode either calcitonin or CGRP preproproteins. Post-translational processing of the calcitonin and CGRP propeptides results in either calcitonin and katacalcin, or CGRP, respectively. Calcitonin and

katacalcin modulate calcium levels in the blood stream. CGRP can function as a vasodilator and play a role in the transmission of pain. The human homolog of CGRP was found to have antimicrobial

activity. [provided by RefSeq, Mar 2015]

**Usage** Research use only

Unconjugated Conjugate









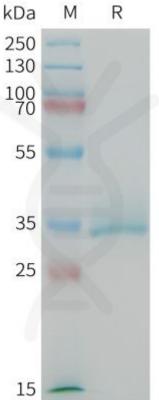


Figure 1. Mouse CGRP Protein, hFc Tag on SDS-PAGE under reducing condition.



