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32-18537: Mouse CGRP Protein, hFc Tag

Uniprot ID : Q99JA0
Alternative Name : CA;Ct;Ctn;Calc;Calca;CGRP1;Calc1;CGRP-1

Description

Description : Recombinant mouse CGRP protein with C-terminal human Fc tag
Background : 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.
Molecular Characterization: mass of 29.9 kDa after removal of the signal peptide. The apparent molecular mass of mCGRP-hFc is approximately 25-35 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.

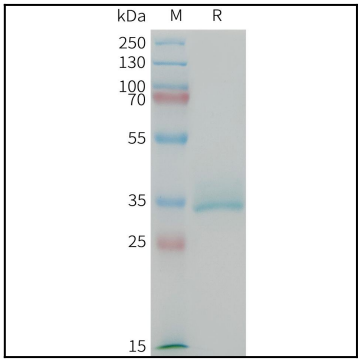


Figure 1. Mouse CGRP Protein, hFc Tag on SDS-PAGE under reducing condition.

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