

PRODUCT INFORMATION

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| Target | CGRPR |
| Synonyms | CRLR; CALCRL; LMPHM8 |
| Description | Recombinant human CGRPR Protein with C-terminal human Fc tag |
| Delivery | In Stock |
| Uniprot ID | Q16602 |
| Expression Host | HEK293 |
| Tag | C-Human Fc tag |
| Molecular Characterization | CGRPR(Glu23-Asn140) hFc(Glu99-Ala330) |
| Molecular Weight | The protein has a predicted molecular mass of 39.9 kDa after removal of the signal peptide. The apparent molecular mass of CGRPR-hFc is approximately 35-70 kDa due to glycosylation. |
| Purity | The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining. |
| Formulation & Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions. |
| Storage & Shipping | 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. |
| Background | Enables adrenomedullin binding activity; adrenomedullin receptor activity; and calcitonin gene-related peptide receptor activity. Involved in several processes, including G protein-coupled receptor signaling pathway; cellular response to sucrose stimulus; and receptor internalization. Located in endoplasmic reticulum; endosome; and lysosome. Part of CGRP receptor complex and adrenomedullin receptor complex. Colocalizes with plasma membrane. Implicated in hereditary lymphedema. [provided by Alliance of Genome Resources, Apr 2022] |
| Usage | Research use only |
| Conjugate | Unconjugated |





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

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