

## **PRODUCT INFORMATION**

**CGRPR Target** 

**Synonyms** CRLR; CALCRL; LMPHM8

Recombinant human CGRPR Protein with C-**Description** 

terminal mouse Fc tag

**Delivery** In Stock **Uniprot ID** Q16602 **Expression Host HEK293** 

Tag C-mouse Fc tag

Molecular

**Background** 

CGRPR(Glu23-Asn140) mFc(Pro99-Lys330) Characterization

The protein has a predicted molecular mass of

40.0 kDa after removal of the signal peptide. The apparent molecular mass of CGRPR-mFc is **Molecular Weight** approximately 35-70 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.

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.

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



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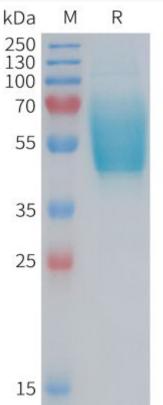


Figure 1. Human CGRPR Protein, mFc Tag on SDS-PAGE under reducing condition.



