

PRODUCT INFORMATION

CGRPR Target

Synonyms CRLR; CALCRL; LMPHM8

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

terminal human Fc tag

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

Tag C-Human Fc tag

Molecular

Background

CGRPR(Glu23-Asn140) hFc(Glu99-Ala330) Characterization

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 **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]

> Email: info@dimabio.com Website: www.dimabio.com

Usage Research use only

Conjugate Unconjugated



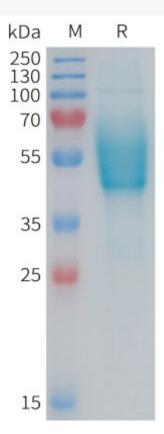


Figure 1. Human CGRPR Protein, hFc Tag on SDS-PAGE under reducing condition.

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