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32-18356: Human CGRPR Protein, mFc Tag

Uniprot ID: Q16602

Alternative Name: CRLR; CALCRL; LMPHM8

Description

Description: Recombinant human CGRPR Protein with C-terminal mouse Fc tag

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.

Molecular Characterization: mass of 40.0 kDa after removal of the signal peptide. The apparent molecular mass of CGRPR-mFc is approximately 35-70 kDa due to glycosylation.

Tag: C-mouse 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.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended

Storage condition: for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).

Lyophilized proteins are shipped at ambient temperature.

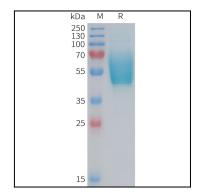


Figure 1. Human CGRPR Protein, mFc Tag on SDS-PAGE under reducing condition.