PRODUCT INFORMATION

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

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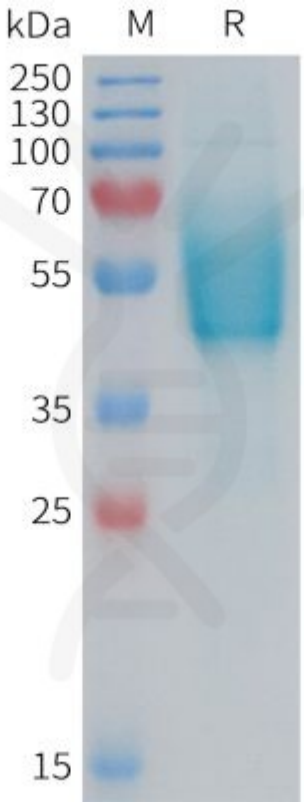


Figure 1. Human CGRPR Protein, hFc Tag on SDS-PAGE under reducing condition.

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