

Active Recombinant Human CGRPR Full Length Transmembrane protein(MNP)

Cat. No. CGRPR-29034H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CGRPR Full Length Transmembrane protein(Q16602), was expressed in HEK293.
Species	Human
Source	HEK293
Form	Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.
Bio-activity	Elisa plates were pre-coated with 0.5µg/per well purified human CGRPR-RAMP1 full length membrane nanoparticles. Serial diluted anti-CGRPR monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-CGRPR monoclonal antibody binding with CGRPR-RAMP1 full length membrane nanoparticles is 122.8ng/ml.
Molecular Mass	The human full length CGRPR protein has a MW of 53.0 kDa.
Storage	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.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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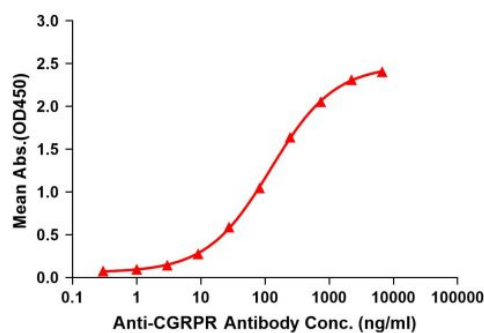
0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

Full Length

Full L.

Activity

ELISA assay to evaluate CGRPR-RAMP1-MNP
0.5µg Human CGRPR-RAMP1-MNP per well



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