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- Mindermengenzuschlag
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- Gefahrgutzuschlag
- Expressversand

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Recombinant Human Glucagon Receptor

CLHOR020
CLHOR020-2
CLHOR020-3

Introduction: Glucagon receptor is part of the glucagon receptor family which also contains GLP-1, GLP-2, GHRH and GIP receptors. GCGR regulates blood glucose levels and is mainly expressed in the pancreas, liver and kidneys. Mutations in GCGR are a cause of non-insulin-dependent diabetes mellitus.

Description: GCGR Human Recombinant produced in E. coli is a single, non-glycosylated polypeptide chain (a.a 29-142) containing 125 amino acids including an 8 a.a C-terminal His tag. The total molecular mass is 19.9kDa (calculated).

Synonyms: GL-R, GLR, Glucagon Receptor.

Source: E. coli

Presentation: 2 µg (**CLHOR020**), 10 µg (**CLHOR020-2**), 1.0 mg (**CLHOR020-3**), Filtered White lyophilized (freeze-dried) powder. GCGR filtered (0.4 µm) and lyophilized from solution in acetonitrile/0,1%TFA and 1% (w/v) trehalose.

Solubility: It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. GCGR is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

Stability: Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after one week at 4°C.

Purity: Greater than 95.0% as determined by SDS-PAGE.

Amino Acid Sequence: MQVMDFLFEK WKLYGDQCHH NLSLLPPPTE LVCNRTFDKY
SCWPDTPANT TANISCPWYL PWHHKVQHRF VFKRCGPDGQ WVRGPRGQPW RDASQCQMDG
EEIEVQKEVA KMYSSFQLEH HHHHH.

Laboratory Reagent For Research Use Only

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