

32-6624: GCGR Human

Alternative Name : GL-R, GLR, Glucagon Receptor.

Description

Source: E. coli

Filtered White lyophilized (freeze-dried) powder.

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.

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).

Product Info

Amount : 2 µg / 10 µg

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

GCGR filtered (0.4 µm) and lyophilized from solution in acetonitrile/0,1%TFA and 1% (w/v) trehalose.

Content : 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.

Storage condition : 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.

Amino Acid : MQVMDFLF EK WKLYGDQCHH NLSLLPPTE LVCNRTFDKY SCWPDTPANT TANISCPWYL
PWHHKVQHRF VFKRCGPDGQ WVRGPRGQPW RDASQCQMDG EEIEVQKEVA KMYSSFQLEH HHHHH.