9051 Mira Mesa Blvd, #910094
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GCGR Human

Glucagon Receptor Human Recombinant
HRM0035

Product Overview

Name	GCGR Human
Description	
Glucagon Receptor Human Recombinant	
Accession (Primary)	P47871
Synonyms	
GL-R, GLR, Glucagon Receptor.	
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.	
Source	
E. coli	
Physical Appearance	
Filtered White lyophilized (freeze-dried) powder.	
Formulation	
GCGR filtered (0.4 µm) and lyophilized from solution in acetonitrile/0,1%TFA and 1% (w/v) trehalose.	
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 KMYSSF QLEH HHHHH .	
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	

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before using it in the cell culture.

Precautions

GCGR Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P47871)