

## GCGR

## Recombinant Human Glucagon Receptor, His Tag

<b>Catalog No.</b>	CRG505A CRG505B	<b>Quantity:</b>	10 µg 1.0 mg
<b>Alternate Names:</b>	Glucagon receptor, GL-R		
<b>Description:</b>	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.		
<b>UniProt ID:</b>	P47871		
<b>Source:</b>	<i>E. coli</i>		
<b>Molecular Weight:</b>	19.9 kDa (aa 29-142) monomer + 6X C-terminal His tag		
<b>Formulation:</b>	Lyophilized 0.4 µm filtered (not sterile filtered) 0.1% TFA and 1% trehalose		
<b>Purity:</b>	> 95% by SDS-PAGE		
<b>Amino Acid Sequence:</b>	MQVMDFLF EK WKLYGDQCHH NLSLLPPPT E LVCNRTFDKY SCWPDTPANT TANISCPWYL PWHHKVQHRF VFKRCGPDGQ WVRGPRGQPW RDASQCQMDG EEIEVQKEVA KMYSSFQLEH HHHHH.		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Reconstitute with sterile deionized water to 0.5 mg/ml. Please note, product should be sterile-filtered before use in cell culture.		
<b>Storage &amp; Stability:</b>	Upon receipt, store at -20°C to -80°C for up to 1 year. Reconstituted protein should be stored as aliquots at -20°C to -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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