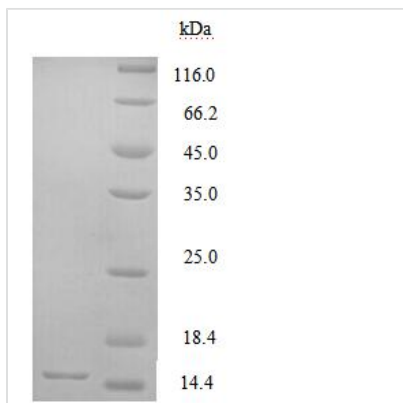




Recombinant Mouse Glucagon receptor (Gcgr), partial

Product Code	CSB-YP009316MO
Relevance	G-protein coupled receptor for glucagon that plays a central role in the regulation of blood glucose levels and glucose homeostasis. Regulates the rate of hepatic glucose production by promoting glycogen hydrolysis and gluconeogenesis. Plays an important role in mediating the responses to fasting. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of downstream effectors, such as adenylate cyclase. Promotes activation of adenylate cyclase. Besides, plays a role in signaling via a phosphatidylinositol-calcium second messenger syst.
Abbreviation	Recombinant Mouse Gcgr protein, partial
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q61606
Storage Buffer	Tris-based buffer,50% glycerol
Product Type	Recombinant Proteins
Immunogen Species	Mus musculus (Mouse)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	AQVMDFLFEKWKLYSDQCHHNLSELLPPPTLVCNRTFDKYSCWPDTPPNTTANISCPWYLPWYHKVQHRLVFKRCGPDGQWVRGPRGQPWRNASQCQLDDEEIEVQKGVAKMYSSQQ
Research Area	Others
Source	Yeast
Target Names	Gcgr
Protein Names	Recommended name: Glucagon receptor Short name= GL-R
Expression Region	27-143aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	15.8 kDa
Protein Length	Extracellular Domain
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Shelf Life

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