

Datasheet for ABIN5713468

GLRa2 Protein (AA 27-143, Extracellular) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	GLRa2
Protein Characteristics:	Extracellular, AA 27-143
Origin:	Mouse
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GLRa2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	AQVMDFLF EK WKLYSDQCHH NLSLLPPPT E LVCNRTFDKY SCWPDTPPNT TANISCPWYL PWYHKVQHRL VFKRCGPDGQ WVRGPRGQPW RNASQCQLDD EEIEVQKGVA KMYSSQQ
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	GLRa2
Alternative Name:	GLR (GLRa2 Products)
Background:	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

Target Details

responses to fasting. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of down-stream effectors, such as adenylate cyclase. Promotes activation of adenylate cyclase. Besides, plays a role in signaling via a phosphatidylinositol-calcium second messenger syst.

Molecular Weight: 15.8 kDa

UniProt: [Q61606](#)

Pathways: [Synaptic Membrane](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.1-2 mg/mL

Buffer: 20 mM Tris-HCl based buffer, pH 8.0

Storage: -80 °C, 4 °C, -20 °C

Storage Comment: Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Images



SDS-PAGE

Image 1.