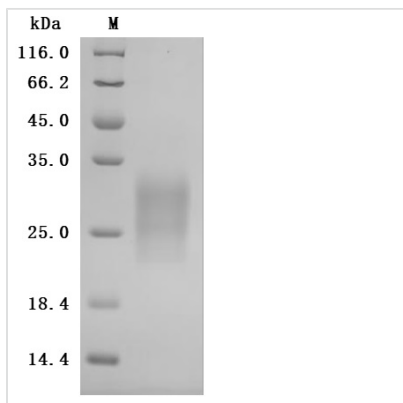


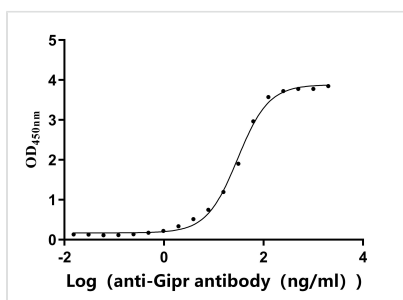


Recombinant Rat Gastric inhibitory polypeptide receptor (Gipr), partial (Active)

Product Code	CSB-MP009438RA1
Abbreviation	Recombinant Rat Gipr protein, partial (Active)
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.	P43219
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Rat Gipr at 2µg/mL can bind Anti-Mouse Gipr recombinant antibody (CSB-RA009438MA1MO)? the EC50 is 26.97 - 33.90 ng/mL.
Purity	≥ 95% as determined by SDS-PAGE.
Sequence	RAETDSEGQTTGELYQRWERYGWECQNTLEATEPPSGLACNGSFDMYACW NYTAANTTARVSCPWYLPWYRQVAAGFVFRQCGSDGQWGSWRDHTQCEN PEKNGAFQDQKLILERLQ
Source	Mammalian cell
Target Names	Gipr
Expression Region	19-135aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal 10xHis-tagged
Mol. Weight	14.9 kDa
Protein Length	Partial
Image	



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



Activity
 Measured by its binding ability in a functional ELISA. Immobilized Rat Gipr at 2µg/mL can bind Anti-Mouse Gipr recombinant antibody (CSB-RA009438MA1MO)? the EC₅₀ is 26.97 - 33.90 ng/mL.

Endotoxin

Less than 1.0 EU/ug as determined by LAL method.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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.