

Gastric inhibitory polypeptide receptor (GIPR) Active Protein | GIPR active protein

Recombinant Macaca Gastric inhibitory polypeptide receptor (GIPR), partial (Active)

CATALOG #
AAA279246

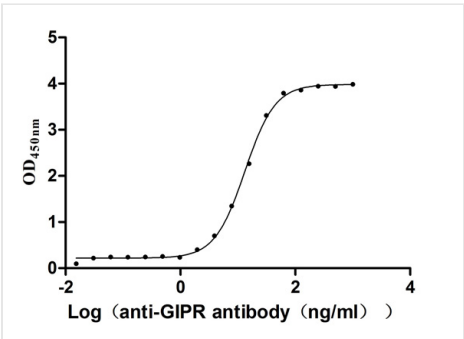
HOST
Yeast

PRODUCT SYNONYMS

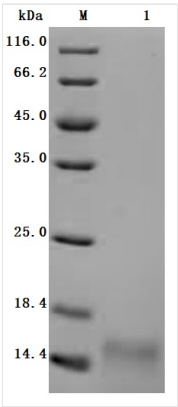
Gastric inhibitory polypeptide receptor (GIPR); Recombinant Macaca Gastric inhibitory polypeptide receptor (GIPR); partial (Active); GIPR active protein

PRODUCT SPECIFICATIONS

Host	Yeast
Purity/Purification	Greater than 95% as determined by SDS-PAGE.
Form/Format	Lyophilized powder Lyophilized from a 0.2 um filtered 20 mM Tris-HCl, 0.5 M NaCl, 250mM Imidazole 6% Trehalose, pH 8.0
Sequence Positions	26-138aa; Partial
Sequence	GSEGQTAGEL YQRWERYRRE CQETLATAEP PSGLACNGSF DMYVCWNYAA PNATARASCP WYLPWHHHVA AGFVLRQCGS DGQWGLWRDH TQCENPEKNE AFLDQRLILE RLQ\$
Species	Macaca fascicularis (Crab-eating macaque)(Cynomolgus monkey)
Tag	N-terminal 6xHis-tagged
Endotoxin	Less than 1.0 EU/ug as determined by LAL method.
Research Area	Obesity
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Macaca fascicularis GIPR at 2 ug/mL can bind Anti-GIPR recombinant antibody. The EC50 is 12.66-13.86 ng/mL.
Preparation and 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 degree C/-80 degree C. The shelf life of lyophilized form is 12 months at -20 degree C/-80 degree C. Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week. 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 degree C/-80 degree C. Our default final concentration of glycerol is 50%. Customers could use it as reference.



Bioactivity
Measured by its binding ability in a functional ELISA. Immobilized *Macaca fascicularis* GIPR at 2?g/mL can bind Anti-GIPR recombinant antibody, the EC50 is 12.66-13.86 ng/mL.



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

ADDITIONAL INFORMATION

Product Categories/Family for GIPR active protein	Active Protein & In Stock Protein
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NCBI AND UNIPROT INFORMATION

UniProt Accession #	A0A2K5VD75
Molecular Weight	14.5kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.