

Recombinant Rat Gpr protein, His-tagged

Cat. No. Gpr-5643R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Gpr protein(P43219)(19-135aa), fused with C-terminal His tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	19-135aa
Tag	C-His
Form	Lyophilized from a 0.2 µm filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Rat Gpr at 2 µg/mL can bind Anti-Mouse Gpr recombinant antibody, the EC50 is 6.946-8.740 ng/ml.
Molecular Mass	14.9 kDa
Endotoxin	Less than 1.0 EU/ug as determined by LAL method.
Purity	Greater than 95% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

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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.

AA Sequence RAETDSEGQTTGELYQRWERYGWECQNTLEATEPPSGLACNGSFDMYACWNYTA
ANTTARVSCPWYLPWYRQVAAGFVFRQCGSDGQWGSWRDHTQCENPEKNGAFQ
DQKLILERLQ

GENE INFORMATION

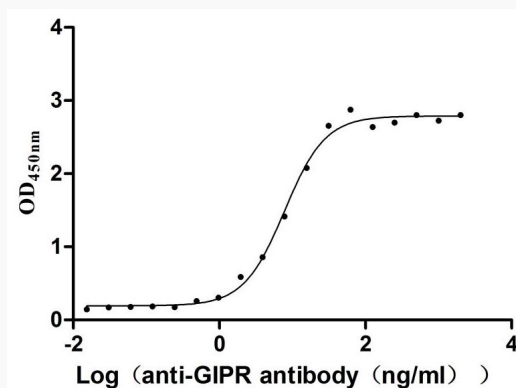
Gene Name	Gipr gastric inhibitory polypeptide receptor [<i>Rattus norvegicus</i>]
Official Symbol	Gipr
Synonyms	GIPR; gastric inhibitory polypeptide receptor; GIP-R; gastric inhibitory peptide receptor; glucose-dependent insulinotropic polypeptide receptor; Gippr; RATGIPPR;
Gene ID	25024
mRNA Refseq	NM_012714
Protein Refseq	NP_036846

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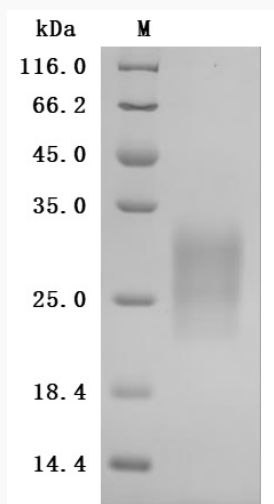
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Activity



SDS-PAGE



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