

## Recombinant Rat Gpr151 Protein, His&GST-tagged

Cat. No. Gpr151-1582R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Gpr151 Protein (Met311-Asn421) with N-His&GST tag was expressed in E. coli.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met311-Asn421
<b>Description</b>	Predicted to enable G protein-coupled receptor activity and identical protein binding activity. Predicted to be involved in G protein-coupled receptor signaling pathway and response to acidic pH. Predicted to be integral component of plasma membrane. Orthologous to human GPR151 (G protein-coupled receptor 151).
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 42.3 kDa Accurate Molecular Mass: 47 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

**Storage Buffer**

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

**Reconstitution**

Reconstitute in PBS or others.

## GENE INFORMATION

**Gene Name**

Gpr151 G protein-coupled receptor 151 [ *Rattus norvegicus* (Norway rat) ]

**Official Symbol**

Gpr151

**Synonyms**

Gpr151; G protein-coupled receptor 151; nGPCR-2037; probable G-protein coupled receptor 151; GPCR-2037; putative G protein-coupled receptor nGPCR-2037

**Gene ID**

307475

**mRNA Refseq**

NM\_181633

**Protein Refseq**

NP\_853664

**UniProt ID**

Q7TSN5

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