Recombinant Rat Gpr151 Protein, His&GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Rat Gpr151 Protein (Met311-Asn421) with N-His&GST tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Met311-Asn421
Description	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).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 42.3 kDa Accurate Molecular Mass: 47 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	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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