

Recombinant Mouse Gpr151 Protein, His&GST-tagged

Cat. No. Gpr151-1581M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Gpr151 Protein (Val312-Asn422) with N-His&GST tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Val312-Asn422
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 act upstream of or within signal transduction. Predicted to be located in plasma membrane. Predicted to be integral component of membrane. Predicted to be integral component of plasma membrane. Is expressed in several structures, including alimentary system; brain; ganglia; genitourinary system; and immune system. Orthologous to human GPR151 (G protein-coupled receptor 151).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 42.1 kDa Accurate Molecular Mass: 47 kDa
Purity	> 90%

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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 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 [Mus musculus (house mouse)]
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	240239
mRNA Refseq	NM_181543
Protein Refseq	NP_853521
UniProt ID	Q7TSN6

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