

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

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Gpr151 Protein (Val312-Asn422) with N-His&GST tag was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Val312-Asn422
<b>Description</b>	<p>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).</p>
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 42.1 kDa Accurate Molecular Mass: 47 kDa
<b>Purity</b>	> 90%

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<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 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in PBS or others.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Gpr151 G protein-coupled receptor 151 [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	<a href="#">Gpr151</a>
<b>Synonyms</b>	Gpr151; G protein-coupled receptor 151; nGPCR-2037; probable G-protein coupled receptor 151; GPCR-2037; putative G protein-coupled receptor nGPCR-2037
<b>Gene ID</b>	<a href="#">240239</a>
<b>mRNA Refseq</b>	<a href="#">NM_181543</a>
<b>Protein Refseq</b>	<a href="#">NP_853521</a>
<b>UniProt ID</b>	<a href="#">Q7TSN6</a>

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