

## **Product datasheet for CF811793**

#### OriGene Technologies, Inc.

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### **GPCR 2037 (GPR151) Mouse Monoclonal Antibody [Clone ID: OTI3D1]**

#### **Product data:**

**Product Type:** Primary Antibodies

Clone Name: OTI3D1
Applications: WB

Recommended Dilution: WB 1:500
Reactivity: Human
Host: Mouse
Isotype: IgG1

Clonality: Monoclonal

Immunogen: Full length human recombinant protein of human GPR151 (NP\_919227) produced in

HEK293T cell.

Formulation: Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)

**Reconstitution Method:** For reconstitution, we recommend adding 100uL distilled water to a final antibody

concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)

**Purification:** Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography

(protein A/G)

Conjugation: Unconjugated

**Storage:** Store at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

Predicted Protein Size: 46.5 kDa

**Gene Name:** G protein-coupled receptor 151

Database Link: NP 919227

Entrez Gene 134391 Human

Q8TDV0

Background: Orphan receptor. [UniProtKB/Swiss-Prot Function]

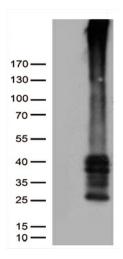
**Synonyms:** GALR4; GALRL; GPCR; PGR7



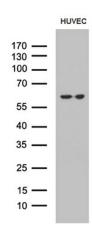


**Protein Families:** Druggable Genome, Transmembrane

# **Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY GPR151 (Cat# [RC220856], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-GPR151 (Cat# [TA811793])(1:5000). Positive lysates [LY405184] (100ug) and [LC405184] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from HUVEC cell line by using anti-GPR151 monoclonal antibody (1:500).