

## Product Information

### MemDX™ Membrane Protein Human GPR157 (G protein-coupled receptor 157) expressed in E.coli for Antibody Discovery

Cat. No.: **MP1357J**

This product is for research use only and is not intended for diagnostic use.

This product is a 39.4 kDa Human GPR157 membrane protein expressed in E.coli. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

#### Product Specifications

##### Host Species

Human

##### Target Protein

GPR157

##### Protein Length

Full-length

##### Protein Class

GPCR

##### Molecular Weight

39.4 kDa

##### TMD

7

##### Sequence

MQPSPPTELVPSERAVVLLSCALSALGSGLLVATHALWPDLRSRARRLLLFLSLADLLSAASYFYGVLQNFAGPSWDCVLQGALS

#### Product Description

##### Expression Systems

E.coli

##### Tag

N-10xHis

##### Form

Liquid or Lyophilized powder

##### Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration).

### **Purity**

>85% as determined by SDS-PAGE

### **Buffer**

Liquid: Tris/PBS-based buffer, 5%-50% glycerol

Lyophilized powder: Tris/PBS-based buffer, 6% Trehalose, pH 8.0

### **Storage**

Store at +4°C for up to one week or several months at -80°C

## **Target**

### **Target Protein**

GPR157

### **Full Name**

G protein-coupled receptor 157

### **Introduction**

Orphan receptor that promotes neuronal differentiation of radial glial progenitors (RGPs). The activity of this receptor is mediated by a G(q)-protein that activates a phosphatidylinositol-calcium second messenger.

### **Alternative Names**

probable G-protein coupled receptor 157; GPR157G-protein coupled receptor 157

### **Gene ID**

[80045](#)

### **UniProt ID**

[Q5UAW9](#)