

## Product Information

### MemDX™ Membrane Protein Human GLP2R (Glucagon like peptide 2 receptor) Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX3630K**

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

This product is a Human GLP2R membrane protein expressed *in vitro* *E.coli* expression system. 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

GLP2R

##### Protein Length

Full Length

##### Protein Class

GPCR

##### TMD

7

##### Sequence

MKLGSSRAGPGRGSAGLLPGVHELPMGIPAPWGTSPSFHRKCSLWAPGRPFLTVLLVSIKQVTGSLLEETTRKWAQYKQACLR

#### Product Description

##### Expression Systems

*in vitro* *E.coli* expression system

##### Tag

10xHis tag at the N-terminus

##### Protein Format

Soluble

##### Form

Liquid or Lyophilized powder

##### Buffer

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

### **Storage**

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

### **Target**

#### **Target Protein**

GLP2R

#### **Full Name**

Glucagon like peptide 2 receptor

#### **Introduction**

This gene encodes a G protein-coupled receptor that is closely related to the glucagon receptor and binds to glucagon-like peptide-2 (GLP2). Signalling through GLP2 stimulates intestinal growth and increases villus height in the small intestine, concomitant with increased crypt cell proliferation and decreased enterocyte apoptosis.

#### **Alternative Names**

GLP2R; GLP-2 receptor; epididymis secretory sperm binding protein; Glucagon like peptide 2 receptor

#### **Gene ID**

[9340](#)

#### **UniProt ID**

[O95838](#)