

# Product Information

## **MemDX™ Membrane Protein Human GLIPR1 (GLI pathogenesis related 1) Expressed *in vitro* E.coli expression system, Full Length of Mature Protein**

Cat. No.: **MPX1471K**

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

This product is a Human GLIPR1 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

GLIPR1

#### Protein Length

Full Length of Mature Protein

#### Protein Class

Receptor

#### TMD

1

#### Sequence

ANILPDIENEDFIKDCVRIHNKFRSEVKPTASDMLYMTWDPALAQIAKAWASNCQFSHNTRLKPPHKLHPNFTSLGENIWTGSPVIFS

### Product Description

#### Expression Systems

*in vitro* E.coli expression system

#### Tag

10xHis and SUMO tag

#### 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**

GLIPR1

#### **Full Name**

GLI pathogenesis related 1

#### **Introduction**

This gene encodes a protein with similarity to both the pathogenesis-related protein (PR) superfamily and the cysteine-rich secretory protein (CRISP) family. Increased expression of this gene is associated with myelomocytic differentiation in macrophage and decreased expression of this gene through gene methylation is associated with prostate cancer. The protein has proapoptotic activities in prostate and bladder cancer cells. This gene is a member of a cluster on chromosome 12 containing two other similar genes. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized.

#### **Alternative Names**

GLIPR1; GLIPR; RTVP1; CRISP7; glioma pathogenesis-related protein 1; GLI pathogenesis-related 1 (glioma); gliPR 1; protein RTVP-1; related to testis-specific, vespid, and pathogenesis proteins 1; testes-specific vespid and pathogenesis protein 1; GLI pathogenesis related 1

#### **Gene ID**

[11010](#)

#### **UniProt ID**

[P48060](#)