

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

ANILPDNIENEDFIKDCVRIHNKFRSEVKPTASDMLYMTWDPALAQIAKAWASNCQFSHNTRLKPPHKLHPNFTSLGENIWTGSVPIF

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](#)