# Recombinant Human GLI Pathogenesis-related 2, His-tagged

**Cat. No.** GLIPR2-2793H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant humanGLIPR2 protein (1-154 aa), fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. |
| **Species** | Human |
| **Source** | E.coli |
| **ProteinLength** | 1-154 a.a. |
| **Description** | GLIPR2 is closely related to plant pathogenesis-related (PR-1) proteins, which are upregulated in response to pathogen attack. This protein is found within lipid-enriched microdomains on the cytosolic side of the endomembrane system. GLIPR2 is tightly anchored to membranes and absent from the cytosol, although it does not possess a membrane-spanning domain. |
| **Sequences** | MGSSHHHHHH SSGLVPRGSH MGKSASKQFH NEVLKAHNEY RQKHGVPPLK LCKNLNREAQ QYSEALASTR ILKHSPESSR GQCGENLAWA SYDQTGKEVA DRWYSEIKNY NFQQPGFTSG TGHFTAMVWK NTKKMGVGKA SASDGSSFVV ARYFPAGNVV NEGFFEENVL PPKK. |
| **Form** | Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.1M Nacl, 1mM DTT, 10% glycerol. |
| **Molecular Weight** | 19.3 kDa (174aa),confirmed by MALDI-TOF. |

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| **Purity** | > 90% by SDS – PAGE. |
| **Concentration** | 1 mg/ml (determined by Bradford assay). |
| **Storage** | Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles. |

## GENE INFORMATION

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| **Gene Name** | GLIPR2 GLI pathogenesis-related 2 [ Homo sapiens ] |
| **Synonyms** | GLIPR2; GLI pathogenesis-related 2; 17kD fetal brain protein; Golgi-associated plant pathogenesis-related protein 1; OTTHUMP00000021372; gliPR 2; glioma pathogenesis-related protein 2; golgi-associated PR-1 protein; GAPR-1; C9orf19 |
| **Gene ID** | 152007 |
| **mRNA Refseq** | NM_022343 |
| **Protein Refseq** | NP_071738 |
| **MIM** | 607141 |
| **UniProt ID** | Q9H4G4 |
| **Chromosome Location** | 9p13.3 |

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