Recombinant Human GLI Pathogenesis-related 2, His-tagged

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

SPECIFICATION

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

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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