Recombinant human GLIPR2 protein

Catalog Number: ATGP0689

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-154aa

UniProt No.
Q9H4G4

NCBI Accession No.
NP_071738

Alternative Names
Golgi-associated plant pathogenesis-related protein 1, C9orf19, GAPR-1, Golgi-associated plant pathogenesis-related protein 1

PRODUCT SPECIFICATION

Molecular Weight
19.3 kDa (174aa) confirmed by MALDI-TOF

Concentration
1mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 1mM DTT, 0.1M NaCl.

Purity
> 90% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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. Recombinant human GLIPR2 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.

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Amino acid Sequence

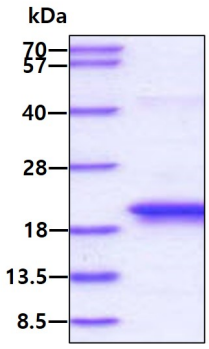
<MGSSHHHHHH SSGLVPRGSH> MGKSASKQFH NEVLKAHNEY RQKHGVPPLK LCKNLNREAQ QYSEALASTR ILKHSPESSR GQCGENLAWA SYDQTGKEVA DRWYSEIKNY NFQQPGFTSG TGHFTAMVWK NTKKMGVGKA SASDGSSFVV ARYFPAGNVV NEGFFEENVL PPKK

General References

Eberle HB., et al. (2002) J Cell Sci. 115(4):827-38.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain