

GLIPR2, 1-154aa, Human, His tag, E.coli

Cat.NO.: TP02250

3th Edition

Synonyms: Golgi-associated plant pathogenesis-related protein 1, C9orf19, GAPR-1.

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.

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

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

Sequences:

MGSSHHHHHHSSGLVPRGSHMGKSASKQFHNEVLKAHNEYRQKHGVPPLKLCKNLNREAQQYSEALASTRILKH
SPESSRGQCGENLAWASYDQTGKEVADRWYSEIKNYNFQQPGFTSGTGHFTAMVWKNTKKMGVKGASASDGSS
FVVARYFPAGNVVNEGFFEENVLPKK

Purity: > 95% by HPLC

Concentration: 1 mg/ml (determined by Bradford assay)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

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.