
Product Data Sheet

Product Name: GLIPR2 Human
 Cat. No.: GP23562
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	GAPR-1; Golgi-associated plant pathogenesis-related protein 1; GAPR1; GLIPR-2; Golgi-associated PR-1 protein.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGKSASKQFH NEVLKAHNEY RQKHGVPPLK LCKNLNREAQ QYSEALASTR ILKHSPSSR GQCGENLAWA SYDQTGKEVA DRWYSEIKNY NFQQPGFTSG TGHFTAMVWK NTKKMGVGKA SASDGSSFVV ARYFPAGNVV NEGFFEENVL PPKK.		
Formulation	The GLIPR2 1mg/ml protein contains 20mM Tris-HCl pH-8, 1mM DTT, 0.1M DTT and 10% Glycerol.		

Introduction

GLIPR2 is linked to plant pathogenesis-related (PR-1) proteins, which are upregulated in reaction to pathogen attack. GLIPR2 is localized within lipid-enriched microdomains on the cytosolic side of the endomembrane system. GLIPR2 is closely attached to membranes and lacks the cytosol, though it lacks a membrane-spanning domain.

Stability

Store GLIPR2 at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

GLIPR2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 174 amino acids (1-154) & having a molecular mass of 19.3 kDa. The GLIPR2 is fused to a 20 amino acid His-Tag at N-terminus and purified by standard chromatography techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

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