

MOUSE PGLYRP1 PROTEIN, HFC TAG

货号: 12152

产品全名: Mouse PGLYRP1 蛋白

规格: 10/50/100 μ g

基因符号 PGRP-S

目标蛋白: PGLYRP1

UNIPROT ID: O88593

描述: Recombinant mouse PGLYRP1 protein with C-terminal human Fc tag

背景: Pattern receptor that binds to murein peptidoglycans (PGN) of Gram-positive bacteria. Has bactericidal activity towards Gram-positive bacteria. May kill Gram-positive bacteria by interfering with peptidoglycan biosynthesis. Binds also to Gram-negative bacteria. Involved in innate immunity. May function in intracellular killing of bacteria. The soluble form triggers apoptosis in vitro. [UniProtKB/Swiss-Prot Function]

物种/宿主: HEK293

分子量: The protein has a predicted molecular mass of 44.8 kDa after removal of the signal peptide. The apparent molecular mass of mPGLYRP1-hFc is approximately 35-55 kDa due to glycosylation.

分子特征: Mouse PGLYRP1(Phe19-Glu182) hFc(Glu99-Ala330)

纯化: The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% - 8% trehalose is added as protectants before lyophilization.

储存和运输: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.



Figure 1. Mouse PGLYRP1 Protein, hFc Tag on SDS-PAGE under reducing condition.