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Recombinant Mouse PGLYRP1 / PGRP-S Protein (His tag)

产品货号: TP07959

第三版

别名:Pglyrp;PGRP;PGRP-S;Tag7;Tag7;Tnfsf3l

描述:Peptidoglycan recognition protein 1, also known as Peptidoglycan recognition protein short, PGRP-S, PGLYRP1, PGLYRP, PGRP and TNFSF3L, is a secreted protein which belongs to the N-acetylmuramoyl-L-alanine amidase 2 family. PGLYRP1 / PGLYRP is highly expressed in bone marrow. It is weakly expressed in kidney, liver, small intestine, spleen, thymus, peripheral leukocyte, lung, fetal spleen and neutrophils. PGLYRP1 / PGLYRP is a pattern receptor that binds to murein peptidoglycans (PGN) of Gram-positive bacteria. It has bactericidal activity towards Gram-positive bacteria. PGLYRP1 / PGLYRP may kill Gram-positive bacteria by interfering with peptidoglycan biosynthesis. It binds also to Gram-negative bacteria, and has bacteriostatic activity towards Gram-negative bacteria. Peptidoglycan recognition proteins (PGRPs or PGLYRPs) are innate immunity proteins that are conserved from insects to mammals, recognize bacterial peptidoglycan, and function in antibacterial immunity and inflammation. Mammals have four PGRPs: PGLYRP1, PGLYRP2, PGLYRP3, and PGLYRP4. They are secreted proteins expressed in polymorphonuclear leukocytes (PGLYRP1), liver (PGLYRP2), or on body surfaces, mucous membranes, and in secretions (saliva, sweat) (PGLYRP3 and PGLYRP4). All PGRPs recognize bacterial peptidoglycan. The PGRPs likely play a role both in antibacterial defenses and several inflammatory diseases. They modulate local inflammatory responses in tissues (such as arthritic joints) and there is evidence for association of PGRPs with inflammatory diseases, such as psoriasis.

配方:PBS

分子量:20.2 kDa

序列:Met 1-Glu 182

纯度:> 95% by HPLC

浓度:

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在-20 ° C 或者-70 ° C. 避免反复冻融.