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本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

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Recombinant Mouse FCGR4 Protein (His &AVI Tag), Biotinylated

产品货号: TP07142

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第三版

别名:4833442P21Rik Protein, Mouse;CD16-2 Protein, Mouse;FcgammaRIV Protein, Mouse;Fcgr3a Protein, Mouse;FcgRIV Protein, Mouse;Fcrl3 Protein, Mouse

**描述:**Fcgr4, also known as CD16-2, is one of the receptors for Fc region of IgG which involve in immune responses. Fcgr4 mainly functions in cellular response to lipopolysaccharide, NK T cell proliferation, regulation of sensory perception of pain, wound healing etc. Three groups are included for Fc  $\gamma$  3 receptors (FcR), and they are Fc  $\gamma$  3 RI (CD64), Fc  $\gamma$  3 RII (CD32), and Fc  $\gamma$  3 RIII (CD16). Among these, CD64 possess high affinity even for monomeric IgG, while CD32 and CD16 display a relative lower affinity for IgG. Genes encodes these receptors are diverse differing by species and cell types. The aggregation of FcR having immunoreceptor tyrosine-based activation motifs (ITAMs) activates sequentially src family tyrosine kinases and syk family tyrosine kinases that connect transduced signals to common activation pathways shared with other receptors. FcR with ITAMs elicit cell activation, endocytosis, and phagocytosis. Fcgr4 belongs to Fc  $\gamma$  3 RIII (CD16) group.

**配方:**PBS

**分子量:**24.2 kDa

**序列:**Met 1-Gln 203

**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.