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Recombinant Mouse Low Affinity Immunoglobulin Gamma Fc Region Receptor IV Protein

产品货号: TP05021

第三版

别名:Low Affinity Immunoglobulin Gamma Fc Region Receptor IV;FcγR4; CD16-2

描述:FcγR4, also known as CD16-2, is one of the receptors for Fc region of IgG which involve in immune responses. FcγR4 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 receptors (FcR), and they are Fc R I (CD64), Fc R II (CD32), and Fc R III (CD16). Among these, CD64 possess high affinity even for monomeric IgG, while CD32 and CD16 display a relative lower affinity for IgG. Genes encode 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. FcγR4 belongs to Fc R III (CD16) group.

配方:PBS

分子量:21.9 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.