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Recombinant Human Low Affinity Immunoglobulin Gamma Fc Region Receptor II-B Protein

产品货号: TP04904

第三版

别名:Low Affinity Immunoglobulin Gamma Fc Region Receptor II-b; IgG Fc Receptor II-b; CDw32; Fc-Gamma RII-b; Fc-Gamma-RIIb; FcRII-b; CD32; FCGR2B; FCG2; IGFR2

**描述:**Fc RIIb is a low affinity receptor that recognizes the Fc portion of IgG. The human CD32 group consists of Fc RIIA, Fc RIIb, and Fc RIIc proteins that share 94-99% sequence identity in their extracellular domains but differ substantially in their transmembrane and cytoplasmic domains. Fc RII protein is expressed on cells of both myeloid and lymphoid lineages as well as on cells of non-hematopoietic origin. Fc RIIb has an intrinsic cytoplasmic immunoreceptor tyrosine-based inhibitory motif (ITIM) and delivers an inhibitory signal upon ligand binding. Ligation of Fc RIIb on B cells down-regulates antibody production and in some circumstances may promote apoptosis. Co-ligation of Fc RIIb on dendritic cells inhibits maturation and blocks cell activation. Fc RIIb may also be a target for monoclonal antibody therapy for malignancies. Fc RIIb plays an important negative-regulating role through modulating the signals from activation receptors.

**配方:**PBS

**分子量:**20.6 kDa

**序列:**Thr43-Pro217

**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.