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Recombinant Mouse T-Cell Surface Glycoprotein CD5 Protein

产品货号: TP04992

第三版

别名:T-cell surface glycoprotein CD5; CD5; CD5 antigen; CD5 antigen (p56-62); CD5 molecule; LEU1T-cell surface glycoprotein CD5; Lymphocyte antigen T1;Leu-1; T1; Ly-1

描述:CD5 is a transmembrane glycoprotein of the conserved scavenger receptor cysteine-rich (SRCR) superfamily and expressed on thymocytes, peripheral T cells and a subset of B cells (B1-a). Moreover, CD5 also was found expressed in small lymphocytic lymphoma, hairy cell leukaemia and mantle cell lymphoma cells. The long cytoplasmic tail of CD5 has no intrinsic enzymatic activity, but contains four tyrosine phosphorylation sites, including an immunoreceptor tyrosine-based (ITAM)-like motif (pseudo-ITAM) and an immunoreceptor tyrosine-based inhibitory (ITIM)-like motif (pseudo-ITIM), as well as multiple potential serine and threonine phosphorylation sites. It physically associates with the T cell antigen receptor (TCR) and B cell antigen receptor (BCR), where it negatively modulates the activation and differentiation signals transduced by these receptors. CD5 also plays an important role in protection from activation-induced cell death and in the recognition of pathogen associated molecular patterns (PAMPS) present on fungal surfaces.

配方:PBS

分子量:38.9 kDa

序列:Met 1-Pro 371

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.