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Recombinant Human CD99/MIC2 Protein(C-Fc)

产品货号: TP04997

第三版

别名:CD99 Antigen; 12E7; E2 Antigen; Protein MIC2; T-Cell Surface Glycoprotein E2; CD99; MIC2; MIC2X; MIC2Y

描述:CD99 is a type I transmembrane glycoprotein and the founding member of the CD99 family of molecules. The extracellular domain of CD99 contains no identifiable motifs, its cytoplasmic region, although short, does have signal transduction capability. Cells known to express CD99 include fibroblasts, neutrophils, T cells, double positive thymocytes, CD34+ stem cells, monocytes and endothelial cells. Two types of CD99 isoforms have been classified. Native human CD99 is referred to as the long, or type I isoform. The best studied type II isoform shows an Asp-Gly substitution for the C terminal 27 amino acids. The type I and II isoforms have distinctive signal transduction pathways (FAKsrc for type I PI3K plus srcERK1/2 for type II), and mediate clearly different biological outcomes. Homophilic interaction between CD99 on the neutrophil and CD99 on the endothelial cell regulates the transendothelial migration of neutrophils during inflammation. Human CD99 has 48% aa sequence identity to mouse CD99.

配方:PBS

分子量:37.2 kDa

序列:Asp23-Asp122

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.