

TNF-R2/CD120b/TNFRSF1B (C-mFc), Human, Recombinant**Cat. No. : GPCK218****产品信息**

物种	Human
表达宿主	Human Cells
序列信息	Pro24-Thr206
检索号	P20333
分子量	46.5 kDa
有效期	12 months
生物活性	Immobilized Recombinant Human TNF RII-mFc at 1 µg/mL (100 µL/well) can bind Recombinant Human TNF alpha-His. The ED50 of Recombinant Human TNF alpha-His is 1.97 ng/mL.

产品特性

内毒素 (EU/µg)	< 0.1
保存	Lyophilized protein should be stored at -5~-20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -5~-20°C for 3 months.
运输	Ambient temperature or ice pack.
制剂	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
复溶	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in sterile water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

背景介绍

Tumor necrosis factor Receptor superfamily member 1B (TNFRSF1B) is a member of the tumor necrosis factor Receptor superfamily. Human TNF RII contains four cysteine-rich repeats in its ECD, which shares 58% and 56% amino acid sequence identity with the mouse and rat orthologs, respectively. TNF RII is expressed predominantly on cells of the hematopoietic lineage, such as T and natural killer cells, as well as on endothelial cells, microglia, astrocytes, neurons, oligodendrocytes, cardiac myocytes, thymocytes, and mesenchymal stem cells. TNF RII binds to the membrane-bound forms of TNFα and Lymphotoxin/TNFβ; soluble TNF is thought to signal predominantly through TNF RI. Soluble TNF RII is believed to inhibit TNF biological activity by binding TNF thereby preventing it from activating membrane TNF Receptors.

