

TGFβR2/TGFBR2, Human, Recombinant**Cat. No. : GPCK094****产品信息**

物种	Human
表达宿主	Human Cells
序列信息	Thr23-Asp159
检索号	P37173
标签	C-Fc
分子量	42.6 kDa
有效期	12 months
生物活性	Measured by its ability to inhibit TGF-beta 1 activity on TF-1 human erythroleukemic cells. The ED50 for this effect is 18.41 ng/mL in the presence of 100 pg/mL of recombinant human TGF-beta 1.

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 20 mM PB, 150 mM NaCl, pH 7.2.
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

TGFBR2 is a single-pass type I membrane Protein and contains one Protein kinase domain. TGFBR2 exists as a heterodimeric complex with another Receptor Protein and binds TGF-beta. Signals triggered through the TGF-beta Receptor complex prompt various responses by the cell. One such response is to inhibit cell growth and division. Based on this action, the TGF-beta Receptor type 2 is sometimes called a tumor suppressor. Defects in TGFBR2 have been associated with Marfan syndrome, Loeys-Deitz aortic aneurysm syndrome, Osler-Weber-Rendu syndrome and the development of various types of tumors.

