Recombinant Mouse/Rat TGF-beta 1

货号: RB91EPT223

gui_ge

50ug

biao_da_su_zhu

Human Cells

biao_qian

NA

fen_zi_liang

12.8 KDa

biao_guan_fen_zi_liang

13 KDa, reducing conditions

xing_tai

Lyophilized from a 0.2 μm filtered solution of 4mM HCl.

chun_du

Greater than 95% as determined by reducing SDS-PAGE.

nei_du_su_shui_ping

Less than 0.001 ng/μg (0.01 EU/μg) as determined by LAL test.

huo_xing

Immobilized Mouse/Rat TGF-beta 1(Cat#CK33) at 2μg/ml (100 μl/well) can bind Mouse TGFBR2-His(Cat#CM05).The ED50 of Mouse TGFBR2-His(Cat#CM05)is 2.5 ug/ml.

rong_jie_fang_fa

Always centrifuge tubes before opening.Do not mix by vortex or pipetting.
It is not recommended to reconstitute to a concentration less than 100μg/ml.
Dissolve the lyophilized protein in 4mM HCl.
Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

chu_cun_fang_fa

Lyophilized protein should be stored at < -20° C, though stable at room temperature for 3 weeks.
Reconstituted protein solution can be stored at 4-7° C for 2-7 days.
Aliquots of reconstituted samples are stable at < -20° C for 3 months.

yun_shu_tiao_jian

The product is shipped at ambient temperature.
Upon receipt, store it immediately at the temperature listed below.

bei_jing_shuo_ming

Transforming growth factor beta 1 (TGFβ1) is the prototype of a growing superfamily of peptide growth factors and plays a prominent role in a variety of cellular processes, including cell-cycle progression, cell differentiation, reproductive function, development, motility, adhesion, neuronal growth, bone morphogenesis, wound healing, and immune surveillance. TGF-β1, TGF-β2 and TGF-β3 signal via the same heteromeric receptor complex, consisting of a ligand binding TGF-β receptor type II (TβR-II), and a TGF-β receptor type I (TβR-I). Signal transduction from the receptor to the nucleus is mediated via SMADs. TGF-β expression is found in cartilage, bone, teeth, muscle, heart, blood vessels, haematopoitic cells, lung, kidney, gut, liver, eye, ear, skin, and the nervous system.

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