Recombinant Human FGFa (140AA)

货号: RB91EPT176

gui_ge

10ug

biao_da_su_zhu

E.coli

biao_qian

140AA

fen_zi_liang

16 KDa

biao_guan_fen_zi_liang

16 KDa, reducing conditions

xing_tai

Lyophilized from a 0.2 μm filtered solution of 50mM MOPS, 100mM Na₂SO₄, 1mM EDTA, pH 7.9.

chun_du

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

nei_du_su_shui_ping

Less than 0.1 ng/μg (1 EU/μg) as determined by LAL test.

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 distilled water.
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

FGF acidic, also known as ECGF, FGF-1and HBGF-1, is a non-glycosylated heparin binding growth factor that is expressed in the brain, kidney, retina, smooth muscle cells, bone matrix, osteoblasts, astrocytes and endothelial cells. It is a mitogenic peptide that is produced by multiple cell types and stimulates the proliferation of cells of mesodermal, ectodermal, and endodermal origin. Its association with heparan sulfate is a prerequisite for activation of FGF receptors. Internalized FGF acidic migrates to the nucleus where it is phosphorylated by nuclear PKC delta, exported to the cytosol, dephosphorylated, and degraded. Intracellular FGF acidic inhibits p53 activity and proapoptotic signaling.

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