M5 Recombinant Human TGF-beta 1/TGFB1 使用说明书

产品名称	单位	货号
M5 Recombinant Human TGF-beta 1/TGFB1	10μg	MFPR014-01
M5 Recombinant Human TGF-beta 1/TGFB1	50μg	MFPR014-05

【TGFβ-1 产品说明】:
Recombinant Human Transforming Growth Factor beta 1 is produced by our Mammalian expression system and the target gene encoding Ala279-Ser390 is expressed.

【TGFβ-1 质量控制】:
Measured by its ability to binding TGFBR2 used funtional ELISA.
The ED50 for this binding effect is 0.17ug/ml when TGFB1 1ug/ml in a solid phases.
Greater than 95% as determined by reducing SDS-PAGE.

【TGFβ-1 制剂】:
Lyophilized

【TGFβ-1 保存】:
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.

【TGFβ-1 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 ddH2O.
Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

【关于 TGFβ-1】:
Transforming Growth Factor β-1 (TGFβ-1) is a secreted protein which belongs to the TGF-β family. TGFβ-1 is abundantly expressed in bone, articular cartilage and chondrocytes and is increased in osteoarthritis (OA). TGFβ-1 performs many cellular functions, including the control of cell growth, cell proliferation, cell differentiation and apoptosis. The precursor is cleaved into a latency-associated peptide (LAP) and a mature TGFβ-1 peptide. TGFβ-1 may also form heterodimers with other TGFβ family members. It has been found that TGFβ-1 is frequently upregulated in tumor cells. Mutations in this gene results in Camurati-Engelmann disease.

参考文献

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