

M5 Recombinant Human Epidermal Growth Factor/hEGF 使用说明书

产品名称	单位	货号
M5 Recombinant Human Epidermal Growth Factor/hEGF	10 μ g	MFPR013-01
M5 Recombinant Human Epidermal Growth Factor/hEGF	50 μ g	MFPR013-05

【储存条件】

Lyophilized protein should be stored at $< -20^{\circ}\text{C}$, though stable at room temperature for 3 weeks.

Reconstituted protein solution can be stored at $4-7^{\circ}\text{C}$ for 2-7 days.

Aliquots of reconstituted samples are stable at $< -20^{\circ}\text{C}$ for 3 months.

【产品简介】

Epidermal growth factor (EGF) is a small 53 amino acid residue long protein that contains three disulfide bridges. It is a small mitogenic protein that is thought to be involved in mechanisms such as normal cell growth, oncogenesis, and wound healing. EGF stimulates the growth of various epidermal and epithelial tissues in vivo and in vitro and of some fibroblasts in cell culture. This protein shows both strong sequential and functional homology with human type-alpha transforming growth factor (hTGF alpha), which is a competitor for EGF receptor sites.

Recombinant Human Epidermal Growth Factor is produced by our E.coli expression system and the target gene encoding Asn971-Arg1023 is expressed. Measured by the dose-dependent proliferation of murine BALB/c 3T3 cells. ED50 is less than 2 ng/ml. Greater than 95% as determined by reducing SDS-PAGE.

【使用方法】

Always centrifuge tubes before opening. Do not mix by vortex or pipetting.

It is not recommended to reconstitute to a concentration less than 100 $\mu\text{g/ml}$.

Dissolve the lyophilized protein in ddH₂O.

Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

【备注】

本产品仅供科研使用。在确认产品质量出现问题时，本公司承诺为客户免费更换等量的质量合格产品。