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IL1b, 118-269 aa, Mouse, His-tagged, E.coli (Bioactivity Validated)

产品货号: TP02623

第三版

别名: Interleukin 1 beta, IL-1b, IL-1beta, Catabolin, H1, IL 1, IL 1 beta, IL-1 beta, IL1 BETA, IL1B, IL1B_HUMAN, IL1F2, Interleukin 1 beta, Interleukin-1 beta, OAF.

描述: IL-1beta is an inflammatory cytokine that might modulate angiogenesis by directly interacting with vascular endothelial cells or enhancing the production of proangiogenic factors via paracrine control. IL-1beta stimulates endothelial cell migration and proliferation, adhesion-molecule expression, inflammatory mediator production, and leukocyte recruitment. IL-1beta is required for tumor growth, metastasis, and angiogenesis in several animal models. Recombinant mouse IL-1beta, fused to His tag, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

分子量: 21kDa (189aa), confirmed by MALDI-TOF

序列:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSMVPIRQLHYRLRDEQQKSLVLSDPYELKALHLNGQNIQ
QVIFSMSFVQGEPNSDKIPVALGLKGKNLYLSCVMKDGTPTLQLESVDPKQYPKKKMEKRFVFNKIEVKSKVEFESAEPN
WYISTSQAEHKPVFLGNNSGQDIIDFTMESVSS

纯度: > 95% by HPLC

浓度: 1 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.