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MLF1, 1-268aa, Human, His tag, E.coli

产品货号: TP02984

第三版

别名: Myeloid leukemia factor 1

描述: MLF1 (Myeloid leukemia factor 1) belongs to MLF family, and is a widely expressed negative regulator of cell cycle progression functioning upstream of the tumor suppressor p53. This protein interferes with erythropoietin-induced erythroid terminal differentiation by preventing cells from exiting the cell cycle through suppression of CDKN1B/p27Kip1 levels. MLF1 normally functions in multi-potent progenitor cells, and its dysregulation may be somewhat responsible for leukemogenesis.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 40% glycerol, 5mM DTT, 200mM NaCl

分子量: 32.8kDa (288aa), confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

序列:

MGSSHHHHHHSSGLVPRGSHMFRMLNSSFEDDPFFSESILAHRENMRQMIRSFSEPFGRDLLSISDGRGRAHNRRGHNDG
EDSLTHTDVSSFQTMQMVSNMRNYMQKLERNFGQLSVDPNGHSFCSSVMTYSKIGDEPPKVFQASTQTRRAPGGIKE
TRKAMRDSDSGLEKMAIGHHIHDRAHVIKSKNKKTGDEEVNQEFINMNESDAHAFDEEWQSEVLKYKPRHNLGNTR
MRSVGHENPGSRELKRREKPPQSPAIEHGRRSNVLGDKLHIKGSVKSNKK

纯度: > 95% by HPLC

浓度: 0.5mg/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.