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Recombinant Human Melanoma Inhibitory Activity Protein/MIA Protein(C-6His)

产品货号: TP05521

第三版

别名: Melanoma-Derived Growth Regulatory Protein; Melanoma Inhibitory Activity Protein; MIA

描述: Melanoma Inhibitory Activity Protein (MIA) is an autocrine growth regulatory protein secreted from chondrocytes and malignant melanoma cells, which was the first discovered member of a family of secreted cytokines termed the MIA/OTOR family. The four known members of this family: MIA, MIA2, OTOR and TANGO each contain a Src homology-3 (SH3)-like domain. MIA acts as a potent tumor cell growth inhibitor for malignant melanoma cells and some other neuroectodermal tumors, including gliomas, in an autocrine fashion and promotes melanoma metastasis by binding competitively to fibronectin and laminin in a manner that results in melanoma cell detachment from the extracellular matrix in vivo. The protein MIA has been shown to represent a very sensitive and specific serum marker for systemic malignant melanoma that might be useful for staging of primary melanomas, detection of progression from localized to metastatic disease during follow-up, and monitoring therapy of advanced melanomas. Elevated levels of MIA may represent a clinically useful marker for diagnosis of melanoma metastasis as well as a potential marker for rheumatoid arthritis.

配方: PBS

分子量: 13.3 kDa

序列: Gly25-Gln131

纯度: > 95% by HPLC

浓度:

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.