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MT3, 1-68aa, Human, His tag, E.coli

产品货号: TP03040

第三版

别名: Metallothionein 3 , GIF, GIFB, GRIF, ZnMT3

描述: Metallothionein 3, also known as MT3, binds heavy metals. This protein contains three zinc and three copper atoms per polypeptide chain and only a negligible amount of cadmium. This protein inhibits survival and neurite formation of cortical neurons in vitro. Recombinant human MT3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol

分子量: 9.3 kDa (91aa) confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)

序列:

MGSSHHHHHHSSGLVPRGSHMGSM DPETCPSPGGSC TADSCCKCEGCKCT SCKKSCCSCCPAECEKCAKDCVCKGG
EAAEAEAEKSCCQ

纯度: > 95% by HPLC

浓度: 0.5 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.