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Stathmin, 1-149aa, Human, His-tagged, Recombinant, E.coli

产品货号: TP04054

第三版

**别名:**STMN1, Phosphoprotein p19 (pp19), Oncoprotein 18(Op18), pp17, Prosolin, Metablastin, LAP18, Lag, LAP 18, Leukemia associated phosphoprotein p18, Metablastin, Oncoprotein 18, OP 18, OP18, p18, p19

**描述:**Stathmin is a ubiquitous phosphoprotein proposed to play a general role as an intracellular relay integrating diverse regulatory signals of the cellular environment. Also, Stathmin protein is involved in the regulation of the microtubule filament system by destabilizing microtubules. It prevents assembly and promotes disassembly of microtubules. The role of Stathmin in regulation of the cell cycle causes it to be an oncoprotein (Oncoprotein 18, op18). When Stathmin is mutated and not functioning properly, this protein can cause uncontrolled cell proliferation. Recombinant human Stathmin protein, fused to His-tag at N-terminus, 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:**19.4 kDa (169aa), confirmed by MALDI-TOF.

**序列:**

MGSSHHHHHSSGLVPRGSHMASSDIQVKELEKRASGQAFELILSPRSKESVPEFPLSPPKKKDLSEELIQKKLEAAEERRKS  
HEAEVLKQLAEKREHEKEVLQKAIEENNNFSKMAEEKLTHKMEANKENREAQMAAKLERLREKDKHIEEVRKNKESKDP  
ADETEAD

**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.