

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

Pin1, 1-165aa, Mouse, His-tag, E.coli (Bioactivity Validated)

产品货号: TP03410

第三版

别名:Peptidyl-prolyl cis-trans isomerase NIMA-interacting1, 0610025L01Rik, D9Bwg1161e

**描述:**Pin1, also known as peptidyl-prolyl cis-trans isomerase NIMA-interacting1, is nuclear PPIase containing a WW protein interaction domain, and is structurally and functionally related to Ess1/Ptf1, an essential protein in budding yeast. Pin1 is thus an essential PPIase that regulates mitosis presumably by interacting with NIMA and attenuating its mitosis-promoting activity. Substrates of Pin1 include the mitotic regulators (Cdc25 phosphatase and NIMA, PLK I, Wee, and Myt1 kinases), several transcription factors like  $\beta$ -Catenin, c-Jun, and the tumor suppressor protein p53, and some specific proteins like the RNA Pol II, the cytoskeleton protein tau, and the G1/S protein Cyclin D1. Recombinant mouse PIN1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

**配方:**Liquid. In Phosphate buffered saline (pH7.4) containing 10% glycerol

**分子量:**20.8 kDa (188aa) Confirmed by MALDI-TOF

**序列:**

**纯度:**> 95% by HPLC

**浓度:**1 mg/ml (determined by Absorbance 280nm)

**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.