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SUMO1, 1-101 aa, Human, His tag E.coli

产品货号: TP04098

第三版

别名:small ubiquitin-related modifier 1, DAP-1, GMP1, OFC10, PIC1, SENP2, SMT3,SMT3C, SMT3H3, SUMO-1, UBL1

描述:SUMO1, also known as small ubiquitin-related modifier 1, is a member of the SUMO protein family and functions in a manner similar to ubiquitin. However, unlike ubiquitin which targets proteins for degradation, SUMO1 protein participates in a number of cellular processes, such as nuclear transport, transcriptional regulation, apoptosis, and protein stability. Recombinant human SUMO1 protein, fused to His-tag at C-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 10% glycerol, 1mM DTT, 0.15M NaCl

分子量:12.6 kDa (109aa), confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

序列:

MSDQEAKPSTEDLGDKKEGEYIKLKVIGQDSSEIHFKVKMTTHLKKLKESYCQRQGVPMNSLRFLFEGQRIADNHTPKELG  
MEEEDVIEVYQEQTGGHSTVLEHHHHHH

纯度:> 95% by HPLC

浓度:1 mg/ml (determined by Bradford)

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.