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SUMO-3, 1-92aa, Human, His tag, E.coli

产品货号: TP04097

第三版

别名: Small ubiquitin-related modifier 3, SMT3A, SMT3H1, SUMO-3, sumo3, sumo 3

描述: SUMO3, also known as small ubiquitin-related modifier 3, is a member of the SUMO protein family and functions in a manner similar to ubiquitin. However, unlike ubiquitin which targets proteins for degradation, SUMO3 protein participates in a number of cellular processes, such as nuclear transport, transcriptional regulation, apoptosis, and protein stability. It regulates amyloid beta generation and may be critical in the onset or progression of Alzheimer's disease. Recombinant human SUMO3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方: 0.1M NaCl Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT

分子量: 12.6 kDa (112aa) confirmed by MALDI-TOF (molecular weight on SDS-PAGE will appear higher)

序列:

MGSSHHHHHSSGLVPRGSHMSEKPKKEGVKTENDHINLKVAGQDGSVVQFKIKRHTPLSKLMKAYCERQGLSMRQIR
FRFDGQPINETDTPAQLMEDEDTIDVFQQQTGG

纯度: > 95% by HPLC

浓度: 1.0 mg/ml (determined by BCA 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.