

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

S100A3, 1-101aa, Human, His tag, E.coli

产品货号: TP03826

第三版

别名:S100 calcium binding protein A3, S100E

描述:S100A3 is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100A3 binds calcium with low affinity and zinc with high affinity and is believed to play a role in the calcium-dependent differentiation of cuticle cells and in the formation of hair shafts.

配方:Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 20% glycerol, 2mM DTT, 0.2M NaCl.

分子量:13.9 kDa (121aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMARPLEQAVAAIVCTFQEYAGRCGDKYKLCQAEKELLQKELATWTPTEFRECDYNKF
MSVLDTNKDCEVDFVEYVRSACLCLYCHEYFKDCPSEPPCSQ

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.