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S100A5, 1-93aa, Mouse, His tag, E.coli

产品货号: TP03830

第三版

别名:S100 calcium binding protein A5, S100D9.

描述:S100 calcium binding protein A5, also known as S100A5, is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and 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. S100A5 has a Ca²⁺ affinity 20- to 100-fold higher than the other S100 proteins studied under identical conditions.

配方:Liquid. In 20 mM Tris-HCl buffer, pH8.0, 40% glycerol, 3mM DTT, 200mM NaCl

分子量:13.4kDa (117aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSHMETPLEKALTTMVTTFHKYSGREGSKLTLRKELKELIKTELSLAEKMKESSIDNLM
KSLDKNSDQEIDFKEYSVFLTTLCMAYNDFLEDNK

纯度:> 95% by HPLC

浓度:1mg/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.