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Protein S100-A10, 1-97aa, Mouse, His tag, E.coli

产品货号: TP03543

第三版

别名: 42C, AA409961, AL024248, CAL12; Cal1I, CLP11, p10, p11, S100a10

**描述:** S100A10 also known as S100 calcium binding protein A10 is a group of small Ca<sup>2+</sup> binding proteins with molecular weight of 10-12 kDa. Intracellular S100 proteins usually function as modulators of their target proteins, and exert various roles such as regulation of protein phosphorylation, enzyme activity, Ca<sup>2+</sup> homeostasis, cytoskeleton components, and transcription factors. Recent research suggests a role for S100A10 as a prognostic marker and potential therapeutic target in colorectal cancer. Recombinant mouse S100A10, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**配方:** Liquid. In phosphate buffered saline (pH 7.4) containing 10% glycerol.

**分子量:** 13.6 kDa (120aa)

**序列:**

MGSSHHHHHSSGLVPRGSHMGSMPSQMEHAMETMMLTFHRFAGDKDHLTKEDLRVLMEREFPGFLENQKDPLAVD  
KIMKDLQCRDGKVGFSLSLVAGLTIACNDYFVVNMKQKGGK

**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.