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S100A8-Myc, 1-93aa, Human, His tag, Myc tag, E.coli

产品货号: TP03836

第三版

别名:60B8AG, CAGA, CFAG, CGLA, CP-10, L1Ag, MA387, MIF, MRP8, NIF, P8

**描述:**S100A8, also known as S100A8 isoform d. S100A8 is a member of the S100 family, EF-hand superfamily of Calcium binding proteins. S100A8 protein is 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. It functions both intracellularly and extracellularly, where it binds to RAGE and CD36. Altered expression of this protein is associated with the disease cystic fibrosis. Recombinant human S100A8, fused to His-tag at N-terminus, fused to Myc-tag at C-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**配方:**Liquid. In 20mM Tris-HCl (pH 8.0) containing 10% glycerol, 0.1M NaCl

**分子量:**14.5kDa (127aa) confirmed by MALDI-TOF

**序列:**

MGSSHHHHHSSGLVPRGSHMGSHMLTELEKALNSIIDVYHKYSLIKGNFHAVYRDDLKLLLETECPQYIRKKGADVWF  
KELDINTDGAVNFQEFLLVIKMGVAAHKKSHKEEQKLISEEDL

**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.