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S100A8, 1-89aa, Mouse, His tag, E.coli

产品货号: TP03835

第三版

别名: Protein S100-A8, 60B8Ag, A1323541, B8Ag, Caga, CFAg, CP-10, MRP8, p8

描述: S100A8, also known MRP8, is a member of the S100 family, EF-hand superfamily of calcium binding proteins. This 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.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 30% glycerol 0.1M NaCl, 1mM DTT

分子量: 12.4 kDa (109aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMPSELEKALSNLIDVYHNYSNIQGNHHALYKNDFKKMVTTECPQFVQNIENLFRELDI
NSDNAINFEEFLAMVIKGVVASHKDSHKE

纯度: > 95% by HPLC

浓度: 1.0 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.