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Serum Amyloid A, 19-122 aa, Human, His-tagged, Recombinant, E.coli

产品货号: TP03908

第三版

别名:SAA1, PIG4, TP53I4

描述:Serum amyloid A1(SAA1) protein is made primarily in the liver and circulates in low levels in the blood. This protein appears to play a role in the immune system. Levels of this protein increase in the blood and other tissues under conditions of inflammation. SAA1 may help repair damaged tissues, acts as an antibacterial agent, and signal the migration of germ-fighting cells to sites of infection. Elevated levels of SAA over time predispose secondary amyloidosis, extracellular accumulation of amyloid fibrils, derived from a circulating precursor, in various tissues and organs. The most common form of amyloidosis occurs secondary to chronic inflammatory disease, particularly rheumatoid arthritis. Recombinant Serum amyloid A protein was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris buffer(pH 8.0) containing 10% glycerol.

分子量:13.9 kDa (125aa)

序列:

MGSSHHHHHSSGLVPRGSHMRSFFSFLGEAFDGARDMWRAYSDMREANYIGSDKYFHARGNYDAAKRGPGGVWAA
EAISDARENIQRFFGHGAEDSLADQAANEWGRSGKDPNHFRPAGLPEKY

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.