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Protein A, 37-469 aa, S.aureus, Recombinant, E.coli

产品货号: TP03539

第三版

别名: Immunoglobulin G binding protein A

描述: Protein A is a 40-60 kDa surface protein originally found in the cell wall of the bacteria Staphylococcus aureus. It binds with high affinity to human IgG1 and IgG2 as well as mouse IgG2a and IgG2b. Protein A binds with moderate affinity to human IgM, IgA and IgE as well as to mouse IgG3 and IgG1. Due to its affinity for the Fc region of many mammalian immunoglobulins, protein A is considered a universal reagent in biochemistry and immunology.

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

分子量: 48.1 kDa (434aa)

序列:

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MAQHDEAQQNAFYQVLNMPNLNADQRNGFIQSLKDDPSQSANVLGEAQKLNDSQAPKADAQQNNFNKDQQSAFYEI  
LNMPNLNEAQRNGFIQSLKDDPSQSTNVLGEAKKLNESQAPKADNNFNKEQQNAFYEILNMPNLNEEQRNGFIQSLKDD  
PSQSANLLSEAKKLNESQAPKADNKFNKEQQNAFYEILHLPNLNEEQRNGFIQSLKDDPSQSANLLAEAKKLNDAAQAPKA  
DNKFNKEQQNAFYEILHLPNLTEEQRNGFIQSLKDDPSVSKEILAEAKKLNDAAQAPKEEDNNKPGKEDNNKPGKEDNNK  
GKEDGNKPGKEDNKKPGKEDNKKPGKEDNKKPGKEDGNKPGKEDNKKPGKEDGNGVHVVKPGDVTNDIAKANGTT  
ADKIAADNKLADKNMIKPGQELVVDKKQPANHADANKAQUALPET
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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.