

Recombinant Staphylococcus aureus Protein A ab84187

1 图像

描述

产品名称 重组金黄色葡萄球菌蛋白A

纯度 > 90 % SDS-PAGE.
ab84187 is purified using conventional chromatography techniques.

表达系统 Escherichia coli

Accession **B3GGB2**

蛋白长度 Protein fragment

无动物成分 No

性质 Recombinant

种属 Staphylococcus aureus

序列

MAQHDEAQQN	AFYQVLNMPN	LNADQRNGFI
QSLKDDPSQS	ANVLGEAQKL	NDSQAPKADA
QQNNFNKDQQ	SAFYEILNMP	NLNEAQRNGF
IQSLKDDPSQ	STNVLGEAKK	LNESQAPKAD
NNFNKEQQNA	FYEILNMPNL	NEEQRNGFIQ
SLKDDPSQSA	NLLSEAKKLN	ESQAPKADNK
FNKEQQNAFY	EILHLPNLNE	EQRNGFIQSL
KDDPSQSANL	LAEAKKLNDA	QAPKADNKFN
KEQQNAFYEI	LHLPNLTEEQ	RNGFIQSLKD
DPSVSKEILA	EAKKLNDAAQ	PKEEDNNKPG
KEDNNKPGKE	DNNKPGKEDG	NKPGKEDNKK
PGKEDNKKPG	KEDNKKPGKE	DGNKPGKEDN
KKPGKEDGNG	VHVVKPGDTV	NDIAKANGTT
ADKIAADNKL	ADKNMIKPGQ	ELVVDKKQPA
NHADANKAQA	LPET	

氨基酸 37 to 469

技术指标

Our **Abpromise guarantee** covers the use of **ab84187** in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用 SDS-PAGE

形式 Liquid

补充说明

Endotoxin Level: < 1.0 EU per 1 µg of protein (determined by LAL method).

制备和贮存

稳定性和存储

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.242% Tris, 10% Glycerol (glycerin, glycerine)

常规信息

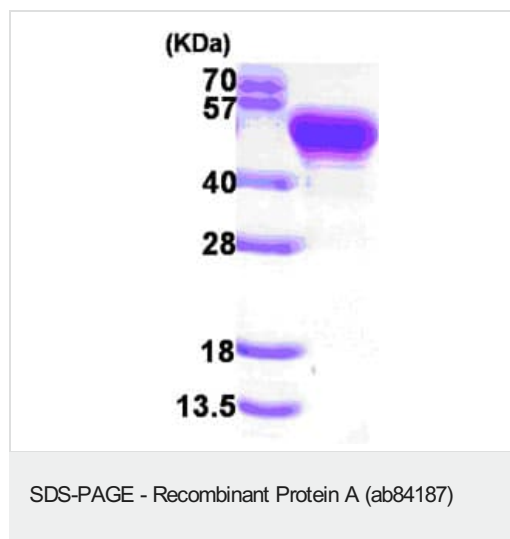
相关性

Protein A is a surface protein of *S.aureus* which binds IgG molecules by their Fc region. In serum, the bacteria will bind IgG molecules in the wrong orientation on their surface which hinders opsonization and phagocytosis. Mutants of *S. aureus* lacking protein A are more efficiently phagocytosed in vitro, and mutants in infection models have diminished virulence. Due to its affinity for the Fc region of many mammalian immunoglobulins, protein A is considered a universal reagent in biochemistry and immunology.

细胞定位

Secreted; cell wall.

图片



15% SDS-PAGE showing ab84187 at approximately 48.1kDa (3µg).

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