



# Recombinant Staphylococcus aureus Immunoglobulin G-binding protein A (spa)

<b>Product Code</b>	CSB-EP336462FKZ
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P38507
<b>Storage Buffer</b>	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Staphylococcus aureus
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	AQHD EAQQNAFYQV LNMPNLNADQ RNGFIQSLKD DPSQSANVLG EAQKLNSQA PKADAQQNKF NKDQQSAFYE ILNMPNLNEE QRNGFIQSLK DDPSQSTNVL GEAKKLNESQ APKADNNFNK EQQNAFYEIL NMPNLNEEQR NGFIQSLKDD PSQSANLLAE AKKLNESQAP KADNKFNKEQ QNAFYEILHL PNLNEEQRNG FIQSLKDDPS QSANLLAEAK KLNDAQAPKA DNKFNKEQQN AFYEILHLPN LTEEQRNGFI QSLKDDPSVS KEILAEAKKL NDAQAPKEED NNKPGKEDGN KPGKEDGNKP GKEDNKKPGK EDGNKPGKED NKKPGKEDGN KPGKEDGNKP GKEDGNKPGK EDGNKPGKED GNGVHVVKPG DTVNDIAKAN GTTADKIAAD NKLADKNMIK PGQELVVDKK QPANHADANK AQUALPET
<b>Source</b>	E.coli
<b>Target Names</b>	spa
<b>Protein Names</b>	Recommended name: Immunoglobulin G-binding protein A Short name= IgG-binding protein A Alternative name(s): Staphylococcal protein A
<b>Expression Region</b>	37-477
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life



of lyophilized form is 12 months at -20°C/-80°C.