

Recombinant Staphylococcus aureus Protein A protein, Biotin/His-tagged

Cat. No. Protein A-8149S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Staphylococcus aureus Protein A labeled with biotin and fused with the polyhistidine tag at the N-terminus consisting 299 amino acids was expressed in E. coli.
Species	Staphylococcus aureus
Source	E.coli
ProteinLength	299 amino acids
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally Trehalose are added as protectants before lyophilization.
Molecular Mass	DTT-reduced protein migrates as a 33.8 kDa polypeptide .
Endotoxin	Less than 1.0 EU per µg of the Biotinylated Protein A by the LAL method.
Purity	>95% as determined by reduced SDS-PAGE.
Applications	The primary amine of Biotinylated Protein A was labeled by biotin for detection in ELISA, dot blot or western blot using streptavidin or avidin-conjugated probes.
Storage	Avoid repeated freeze-thaw cycles.No activity loss was observed after storage at:In lyophilized state for 1 year (4 centigrade); After reconstitution under sterile conditions

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for 3 months (-70 centigrade).

Conjugation

Biotin

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