Active Recombinant Peptostreptococcus magnus Protein L protein, Biotin/His-tagged

Cat. No. Protein L-8141P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Peptostreptococcus magnus Protein L protein labeled with specially optimized long spacer biotin reagent and fused with the polyhistidine tag at N-terminus and a single cysteine at C-terminus was expressed in E. coli.
Species	Peptostreptococcus magnus
Source	E.coli
Form	Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally Trehalose are added as protectants before lyophilization.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Human IgG1 containing Kappa L chain at 5 μg/mL (100 μL/well) can bind Biotinylated Protein L Superior Sensitivity. The EC50 is typically 0.5-5 ng/mL.
Molecular Mass	DTT-reduced protein migrates as a 42-47 kDa polypeptide
Endotoxin	Less than 1.0 EU per μg of the Biotinylated Protein L by the LAL method.
Purity	>95% as determined by reduced SDS-PAGE.
Applications	Biotinylated Protein L can bind to VL-Kappa. The primary amine of Biotinylated Protein L was chemically labeled by specially optimized long spacer biotin reagent for detection in ELISA, dot blot or western blot using streptavidin or avidin-conjugated

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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 for 3 months (-70 centigrade).
Conjugation	Biotin

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