

Active Recombinant *Peptostreptococcus magnus* Protein L protein, His-tagged

Cat. No. Protein L-3141P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant <i>Peptostreptococcus magnus</i> Protein L fused with the polyhistidine tag at N-terminus and a single cysteine at C-terminus was expressed in <i>E. coli</i> .
Species	<i>Peptostreptococcus magnus</i>
Source	<i>E. coli</i>
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4.
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 Recombinant Protein L Protein. The EC50 is typically 0.1-1 ng/mL.
Molecular Mass	DTT-reduced protein migrates as a 36-38 kDa polypeptide. Protein L Protein can bind to VL-Kappa.
Endotoxin	Less than 1.0 EU per µg of the Protein L by the LAL method.
Purity	>98% as determined by SDS-PAGE.
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).

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