

Active Recombinant Peptostreptococcus magnus RPL protein, His-Avi-tagged, Biotinylated

Cat. No. RPL-0628P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Peptostreptococcus magnus RPL protein(), fused with His and Avi tag, was expressed in E.coli.
Species	Peptostreptococcus magnus
Source	E.coli
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Mouse Human chimeric Anti-BCMA mAb (Aa01, Mouse IgG1) at 2 µg/mL (100 µL/well) can bind Biotinylated Recombinant Protein L, His,Avitag with a linear range of 0.2-2 ng/mL. Immobilized Ipilimumab at 2 µg/mL (100 µL/well) can bind Biotinylated Recombinant Protein L, His,Avitag with a linear range of 0.2-2 ng/mL. Immobilized nivolumab at 2 µg/mL (100 µL/well) can bind Biotinylated Recombinant Protein L, His,Avitag with a linear range of 0.2-2 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the N-terminus, followed by an Avi tag (Avitag). The protein has a calculated MW of 43.7 kDa. The protein migrates as 50 kDa under reducing (R) condition (SDS-PAGE). This protein can bind to VL-Kappa.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >90% as determined by SEC-MALS.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
Conjugation	Biotin

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