

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

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

SPECIFICATION

Product Overview	Biotinylated Recombinant <i>Peptostreptococcus magnus</i> RPL protein(), fused with His and Avi tag, was expressed in E.coli.
Species	<i>Peptostreptococcus magnus</i>
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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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