

## Protein L Protein, *Finegoldia magna* (Biotinylated, HEK293, His-Avi)

Cat. No.:	HY-P78810
Synonyms:	RPL; Protein L
Species:	Others
Source:	HEK293
Accession:	D6S9W1 (K106-G470)
Gene ID:	/
Molecular Weight:	Approximately 50 kDa

### PROPERTIES

Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Ipilimumab antibody at 2 µg/mL can bind Biotinylated Protein L. The EC <sub>50</sub> is 1.123-1.761 ng/mL.
Appearance	Lyophilized powder
Formulation	Lyophilized a 0.22 µm filtered solution of PBS, 6% Trehalose, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

Background	Protein L is a bacterial immunoglobulin-binding protein produced by <i>Peptostreptococcus magnus</i> . It specifically binds to the kappa light chains of immunoglobulins (Ig) and does not interact with the Fc region. Protein L has applications in antibody purification, diagnostics, and research, where it enables the selective isolation of antibodies based on their light chain composition. This unique property makes Protein L a valuable tool in various biotechnological and biomedical applications involving antibody manipulation and analysis.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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