

Recombinant Streptococcus SPG/IgG-binding protein G Protein

RPCB1989



Product Information

Product SKU: RPCB1989 **Gene ID:** - **Size:** 50µg
Tag: C-His **Reactivity:** Streptococcus

Additional Information

Expression Host: - **Swissprot:** P19909
Purity: > 95% by SDS-PAGE.

Protein Information

Background: Protein G is a bacterial protein derived from the cell wall of certain strains of *β*-hemolytic Streptococci. It binds with high affinity to the Fc portion of various classes and subclasses of immunoglobulins from a variety of species. Protein G binds to all IgG subclasses from human, mouse and rat species. It also binds to total IgG from guinea pig, rabbit, goat, cow, sheep, and horse. Protein G binds preferentially to the Fc portion of IgG, but can also bind to the Fab region, making it useful for purification of F(ab') fragments of IgG. Due to its affinity for the Fc region of many mammalian immunoglobulins, protein G is considered a universal reagent in biochemistry and immunology.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Streptococcus SPG/IgG-binding protein G Protein, tested reactivity in E. coli and has been validated in SDS-PAGE. 100% guaranteed.

Endotoxin: < 1.0 EU/µg of the protein by LAL method.

Formulation: Supplied as a 0.22 µm filtered solution in PBS, pH 7.4.

Storage: Store at -70°C. This product is stable at ≤ -70°C for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze-thaw cycles.

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