

Borrelia Burgdorferi p100 Recombinant

Item Number rAP-5097

Synonyms

Description Recombinant Borrelia Burgdorferi p100 (p100/p83) produced in SF9 is a glycosylated, polypeptide chain having a calculated molecular mass of 77,813 Dalton. Borrelia p100 is expressed with a -6x His tag at N-terminus and purified by proprietary chromatographic techniques.

Uniprot Accession Number

Amino Acid Sequence

Source Sf9 insect cells.

Physical Appearance and Stability Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.

Formulation and Purity Borrelia p100 (0.77mg/1ml) is supplied in 20mM HEPES buffer pH-8.0, 200mM NaCl and 20% glycerol. Greater than 80.0% as determined by SDS-PAGE.

Application Western blot with Lyme positive plasma.

Solubility

Biological Activity

Shipping Format and Condition Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**