

Borrelia Burgdorferi p45 Recombinant

Item Number rAP-5112

Synonyms

Description Recombinant Borrelia Burgdorferi p45 produced in SF9 is a glycosylated, polypeptide chain having a calculated molecular mass of 45,259.3 Dalton. Borrelia p45 is expressed with a 10xHis 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 p45 is supplied in 20mM HEPES buffer pH-7.6, 250mM NaCl and 20% glycerol. Greater than 80.0% as determined by SDS-PAGE.

Application

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**