

32-13569: *Borrelia Garinii* DbpA

Alternative Name :

Borrelia is a part of the genus of bacteria of the spirochete phylum. *Borrelia* causes borreliosis, which is a zoonotic, vector-borne disease transmitted mainly by ticks and some by lice, depending on the species. Of the 36 known species of *Borrelia*, 12 are distinguished to cause Lyme disease or borreliosis and are transmitted by ticks. The main *Borrelia* species causing Lyme disease are *Borrelia burgdorferi*, *Borrelia afzelii*, and *Borrelia garinii*. *Borrelia garinii* DbpA demonstrates the typical lipid anchor and decorin/glycoaminoglycan binding properties of a DbpA protein.

Description

Source: *Escherichia Coli*.

Sterile Filtered clear solution.

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Recombinant *Borrelia Garinii* Decorin Binding Protein A produced in *E.coli* is a non-glycosylated, polypeptide chain having a calculated molecular mass of 19kDa. *Borrelia Garinii* DbpA is expressed with a -10x His tag at N-terminus and purified by proprietary chromatographic techniques.

Product Info

Amount : 5 µg / 20 µg

Purification : Greater than 80.0% as determined by SDS-PAGE.

Content : *Borrelia Garinii* DbpA is supplied in 20mM HEPES buffer pH-7.6, 250mM NaCl and 20% glycerol.

Storage condition : 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.