

## 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/glycoaminoglycon 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

<b>Amount :</b>	5 µg / 20 µg
<b>Purification :</b>	Greater than 80.0% as determined by SDS-PAGE.
<b>Content :</b>	Borrelia Garinii DbpA is supplied in 20mM HEPES buffer pH-7.6, 250mM NaCl and 20% glycerol.
<b>Storage condition :</b>	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.