

32-13573: *Borrelia Bavariensis* DbpA

Alternative Name : Decorin binding protein A, dbpA.

Description

Source: *Escherichia Coli*.

Sterile Filtered clear solution.

Borrelia is a part of a 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. *Borrelia bavariensis* is one of the pathogens of the *Borrelia burgdorferi* sensu lato complex which causes Lyme disease. Decorin binding protein A (DbpA), also known as Osp17 or p17 is expressed during the mammalian phase of infection. DbpA binds the pathogen to host collagen-associated proteoglycan decorin.

Recombinant *Borrelia Bavariensis* DbpA produced in *E.coli* is a non-glycosylated, polypeptide chain having a calculated molecular mass of 18kDa. *Borrelia Bavariensis* 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 :	<i>Borrelia Bavariensis</i> 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.