

## 32-13827: Borrelia p28

**Format :** Borrelia p28 is supplied in 20mM HEPES buffer pH-7.5, 400mM NaCl and 20% glycerol.

### Description

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered clear solution.

Biological Activity: null

Borrelia is a part of the genus of bacteria of the spirochete phylum. Borrelia causes borreliosis, which is a zoonotic, vector-borne disease transmitted mostly 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 Gram-negative bacterium *Borrelia burgdorferi* is one of the pathogens of the *Borrelia burgdorferi* sensu lato complex causing Lyme disease. DbpA, also known as p17 or Osp17, is a heterogeneous protein among the human pathogenic *B. burgdorferi* sensu lato species. *Borrelia burgdorferi* p28 Recombinant produced in E. Coli is a single, non-glycosylated polypeptide chain having a molecular mass of 27kDa. *Borrelia* p28 is expressed with a 10xHis tag and purified by proprietary chromatographic techniques.

### Product Info

**Amount :** 20 µg / 5 µg

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

**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.