

32-13828: *Borrelia* p30

Format : *Borrelia* p30 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* p30 Recombinant produced in *E. coli* is a single, non-glycosylated polypeptide chain having a molecular mass of 29kDa. *Borrelia* p30 is expressed with a 6xHis 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.