9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-13047: Bartonella SucB

Description

Source: Escherichia Coli.
Sterile Filtered solution.
Numerous forms of Bartonellosis are caused by Bartonella henselae as well as Cat Scratch Disease & Bacillary Angiomatosis. It has been found that up to 95% of patients with Cat Scratch Disease show antibodies against Bartonella henselae antigens. Highly immunoreactive proteins which are produced by the Bartonella henselae are the most important antigens used for the diagnosis of Cat Scratch Disease. The immunogenic protein dihydrolipoamide-succinyltransferase also named SucB is an enzyme of the alpha-ketoglutarate dehydrogenase complex, which catalyzes the transport of a succinyl group from the S-succinyldihydrolipoyl moiety to coenzyme A.
Recombinant Bartonella Henselae SucB produced in E.Coli is a single, non-glycosylated polypeptide chain having a molecular mass of 45kDa. Bartonella SucB is expressed with a -10x His tag at N-terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	50 µg / 100 µg
Purification :	Greater than 80% as determined by SDS-PAGE.
Content :	Bartonella SucB is supplied at a 20mM HEPES buffer pH-7.6, 150mM NaCl and 40% Sucrose (w/v).
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.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.