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## Product Data Sheet

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Product Name: Bartonella 17kDa  
Cat. No.: GP22820  
Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Formulation	Bartonella 17kDa is supplied at a 20mM HEPES buffer pH-7.6, 150mM NaCl and 40% Sucrose (w/v).		

### Introduction

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. P17 is the 1st antigen which was discovered to be strongly reactive with sera from Cat Scratch Disease patients. Bartonella henselae participates in host recognition by the type IV secretion system as a homolog of the virB5 family. Highly immunoreactive proteins which are produced by the Bartonella henselae are the most important antigens used for the diagnosis of Cat Scratch Disease.

### Stability

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.

### Background

Recombinant Bartonella Henselae 17kDa produced in E.Coli is a single, non-glycosylated polypeptide chain having a molecular mass of 18kDa. Bartonella 17kDa is expressed with a -10x His tag at N-terminus and purified by proprietary chromatographic techniques.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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