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## Product Data Sheet

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Product Name: Anaplasma Msp5  
Cat. No.: GP22714  
Batch No.: 1

### Product Data

Purity	>98%	Source	Sf9 insect cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Major surface protein 5; msp5.		
Formulation	Anaplasma Msp5 is supplied at a 20mM HEPES buffer pH-7.6, 150mM NaCl and 40% Sucrose (w/v).		

### Introduction

The granulocytic anaplasmosis disease is initiated by the Gram-negative bacterium *Anaplasma phagocytophilum*. *Anaplasma Msp5* is preserved among the *Anaplasma* classes and expressed in the salivary glands of infected ticks.

### 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 *Anaplasma Msp5* produced in SF9 is a glycosylated, polypeptide chain having a calculated molecular mass of 22kDa. *Anaplasma Msp5* is expressed with a -6x 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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