
Product Data Sheet

Product Name: Anaplasma OmpA

Cat. No.: GP26204

Batch No.: 1

Product Data

Purity >98%

Source Escherichia Coli.

Physical
Appearance solid

Shipping
Condition withIcePacks

Formulation Anaplasma OmpA is supplied in 20mM HEPES buffer pH-8.0, 200mM NaCl and 20% glycerol.

Introduction

Anaplasma phagocytophilum is a tick-transmitted obligate intracellular bacterium leading to human granulocytic anaplasmosis. Its outer membrane protein A is a peptidoglycan-associated lipoprotein which plays a significant role in the pathogenesis of the disease. OmpA is a part of the porin superfamily sharing a beta-barrel structure.

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

Anaplasma OmpA produced in E.Coli is a single, non-glycosylated polypeptide chain having a molecular mass of 24kDa. Anaplasma OmpA is expressed with a 10xHis tag and purified by proprietary chromatographic techniques.

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

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