
Product Data Sheet

Product Name: M.Pneumoniae P1-C
Cat. No.: GP23857
Batch No.: 1

Product Data

Purity	>98%	Source	E.Coli
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Formulation	Mycoplasma Pneumoniae P1-C is formulated in 1x PBS pH 7.4.		

Introduction

Mycoplasma pneumonia is part of the atypical pneumonia subtype which is caused by the bacteria M. pneumoniae. Mycoplasma pneumonia affects individuals younger than 40. It makes up 15 - 50% of all pneumonia cases in adults and especially in school-aged children. People at great risk for mycoplasma pneumonia comprise of those living or working in busy areas such as schools and homeless shelters, although many people who contract mycoplasma pneumonia have no identifiable risk factor. P1, P30, and P116 of mycoplasma pneumonia membrane proteins have been recognized as adhesive factors, P1 is considered as a main adhesion protein of the organism colonization.

Stability

Upon arrival, Store at -20°C .Please prevent freeze-thaw cycles.

Background

The Recombinant Mycoplasma Pneumoniae C-terminal region (P1C) of the P1 protein was expressed in E. coli containing 362 amino acids. The protein is fused to a 6 His Tag. This peptide can be used as an antigen in the diagnosis of M. pneumoniae infection.

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

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