
Product Data Sheet

Product Name: M.Pneumoniae P30
Cat. No.: GP26307
Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	withIcePacks
Formulation	MP-P30c solution contains 25mM K ₂ CO ₃ , 0.025% NaN ₃ and PBS.		

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

The Recombinant MP-P30c protein although stable at 4°C for 1 week, should be stored below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Background

M.Pneumoniae P30 Recombinant produced in E.Coli is a non-glycosylated polypeptide chain having a molecular mass of 18-19kDa. M.Pneumoniae P30 is fused to a 6 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

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

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