Recombinant Mycoplasma Pneumoniae P1 protein, His-tagged

Cat. No. P1-246M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	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.
Species	Mycoplasma Pneumoniae
Source	E.coli
ProteinLength	362 amino acids
Description	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 adhensive factors, P1 is considered as a main adhension protein of the organism colonization.
Form	Streile filtered colorless solution. Mycoplasma Pneumoniae P1-C is formulated in 1x PBS pH 7.4.
Purity	Greater than 95% as determined by 12% PAGE (Coomassie staining).

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Applications	Can be used for lateral follow product, ELISA assay and vaccine development.
Usage	The products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.
Stability	Upon arrival, Store at -20°C. Please prevent freeze-thaw cycles.
Shipping	Ice Packs

GENE INFORMATION

Gene Name	P1 adhesin P1 [Mycoplasma pneumoniae M129]
Official Symbol	P1
Synonyms	P1; adhesin P1; E07_orf1627
Gene ID	877268
Protein Refseq	NP_109829.1
UniProt ID	P11311

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