### 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.

**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 adhesive factors, P1 is considered as a main adhesion protein of the organism colonization.

**Source**
E. coli

**Species**
Mycoplasma Pneumoniae

**Tag**
His

**Form**
Streile filtered colorless solution. Mycoplasma Pneumoniae P1-C is formulated in 1x PBS pH 7.4.

**Protein length**
362 amino acids

**Purity**
Greater than 95% as determined by 12% PAGE (Coomassie staining).

**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

For Research Use Only
| UniProt ID | P11311 |