

## P30 adhesin Protein, *Mycoplasma pneumoniae* (Cell-Free, His)

Cat. No.:	HY-P702413
Synonyms:	P30 adhesin; 30 kDa adhesin-related protein; Cytadhesin P30
Species:	Others
Source:	E. coli Cell-free
Accession:	P75330 (M1-R274)
Gene ID:	/
Molecular Weight:	32.6 kDa

### PROPERTIES

AA Sequence	<pre> M K L P P R R K L K   L F L L A W M L V L   F S A L I V L A T L   I L V Q H N N T E L T E V K S E L S P L   N V V L H A E E D T   V Q I Q G K P I T E   Q A W F I P T V A G C F G F S A L A I I   L G L A I G L P I V   K R K E K R L L E E   K E R Q E Q L A E Q L Q R I S A Q Q E E   Q Q A L E Q Q A A A   E A H A E A E V E P   A P Q P V P V P P Q P Q V Q I N F G P R   T G F P P Q P G M A   P R P G M P P H P G   M A P R P G F P P Q P G M A P R P G M P   P H P G M A P R P G   F P P Q P G M A P R   P G M P P H P G M A P R P G F P P Q P G   M A P R P G M Q P P   R P G M P P Q P G F   P P K R           </pre>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 µm filtered solution of Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add 5-50% of glycerol (final concentration). Our default final concentration of glycerol is 50%. Customers could use it as reference.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

Background	The P30 adhesin is an essential component crucial for achieving successful cytoadherence and promoting virulence. This protein plays a pivotal role in mediating interactions between cells, facilitating adherence processes that are integral to the pathogenicity of the organism. Its significance lies in its ability to contribute to the overall virulence mechanism, highlighting the importance of the P30 adhesin in the pathogenic lifecycle.
------------	--

---

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA