

## Clumping factor A Protein, *S. aureus* (P.pastoris, His)

Cat. No.:	HY-P71829
Synonyms:	clfA; Fibrinogen receptor A; Fibrinogen-binding protein A
Species:	Staphylococcus aureus
Source:	P. pastoris
Accession:	Q5HHM8 (229G-559E)
Gene ID:	/
Molecular Weight:	Approximately 38.5 kDa

### PROPERTIES

AA Sequence	<pre> G T D I T N Q L T N   V T V G I D S G T T   V Y P H Q A G Y V K   L N Y G F S V P N S A V K G D T F K I T   V P K E L N L N G V   T S T A K V P P I M   A G D Q V L A N G V I D S D G N V I Y T   F T D Y V N T K D D   V K A T L T M P A Y   I D P E N V K K T G N V T L A T G I G S   T T A N K T V L V D   Y E K Y G K F Y N L   S I K G T I D Q I D K T N N T Y R Q T I   Y V N P S G D N V I   A P V L T G N L K P   N T D S N A L I D Q Q N T S I K V Y K V   D N A A D L S E S Y   F V N P E N F E D V   T N S V N I T F P N P N Q Y K V E F N T   P D D Q I T T P Y I   V V V N G H I D P N   S K G D L A L R S T L Y G Y N S N I I W   R S M S W D N E V A   F N N G S G S G D G   I D K P V V P E Q P D E P G E I E P I P   E           </pre>
Appearance	Lyophilized powder.
Formulation	Lyophilized after extensive dialysis against solution in Tris-based buffer, 50% glycerol.
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.
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	Clumping factor A Protein is a cell surface-associated protein known for its role in bacterial virulence. It specifically facilitates bacterial attachment to the gamma-chain of human fibrinogen, promoting the formation of bacterial clumps (By similarity).
------------	---

---

**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