

Gamma-hemolysin component A Protein, *S. aureus* (Myc, His)

Cat. No.:	HY-P71485
Synonyms:	hlgA; hlg2; MW2342; Gamma-hemolysin component A; H-gamma-2; H-gamma-II
Species:	Staphylococcus aureus
Source:	E. coli
Accession:	P0A073 (30E-309K)
Gene ID:	59701246
Molecular Weight:	Approximately 39.4 kDa

PROPERTIES

AA Sequence	<div> <div>ENKIEDIGQG</div> <div>Y NKDALVVKM</div> <div>SLKTKDSNVD</div> <div>PSIGGSGSFN</div> <div>NSFVTPNGQV</div> <div>IQSGFNPSFI</div> <div>TRHRLAVDRK</div> </div> <div> <div>AEIIKRTQDI</div> <div>QGFISSRTTY</div> <div>LINYL PKNKI</div> <div>YSKTI SYNQK</div> <div>SAYDQYLFAQ</div> <div>TTL SHERGKG</div> <div>HDAFKNRNVT</div> </div> <div> <div>TSKRLAITQN</div> <div>SDLKKYPYIK</div> <div>DSADV SQKLG</div> <div>NYVTEVESQN</div> <div>DPTGPAARDY</div> <div>DKSEFEITYG</div> <div>VKYE VNWKTH</div> </div> <div> <div>IQFDFVKDKK</div> <div>RMIWPFQYNI</div> <div>YNIGGNFQSA</div> <div>SKGVK WGVKA</div> <div>FVPDNQLPPL</div> <div>RNMDATYAYV</div> <div>EVKIKSITPK</div> </div>
-------------	--

DESCRIPTION

Background	Gamma-hemolysin component A (HlgA) is a toxin that operates by creating pores in the cell membrane, exhibiting both hemolytic and leucotoxic activities. Its toxic effects are contingent upon the sequential binding and synergistic association of a class S and a class F component, resulting in the formation of heterooligomeric complexes. In strains producing both gamma-hemolysins and leukocidins, HlgA (class S) associates with HlgB (class F), thus constituting an AB toxin. Moreover, HlgA can also form a complex with LukF-PV, showcasing the versatile interactions and potentially cooperative mechanisms employed by this toxin.
------------	---

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

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