

## FGA Protein, Human (His)

Cat. No.:	HY-P72194
Synonyms:	Fibrinopeptide A; FGA
Species:	Human
Source:	E. coli
Accession:	Q8WW76 (G36-S218)
Gene ID:	/
Molecular Weight:	Approximately 27 kDa

### PROPERTIES

AA Sequence	<p>G P R V V E R H Q S      A C K D S D W P F C      S G E D W N Y K C P      S G C R M K G L I D</p> <p>E V N Q D F T N R I      N K L K N S L F E Y      Q K N N K D S H S L      T T N I M E I L R G</p> <p>D F S S A N N R D N      T Y N R V S E D L R      S R I E V L K R K V      I E K V T A N N L L</p> <p>V A R V T T E E T P      H L K A R A I K W Q      M R P E V K P I M K      E H I A P R E A M L</p> <p>N L A L S E V S T L      L L W G S L P C P P      R L S</p>
Appearance	Lyophilized powder
Formulation	Lyophilized from a 0.2 µm solution of 10 mM Tris-HCl, 1 mM EDTA, 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.
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	<p>FGA Protein exists as a heterohexamer, intricately structured through disulfide linkages, comprising two distinct sets of three non-identical chains: alpha, beta, and gamma. The heterotrimeric units arrange themselves in a head-to-head conformation, with the N-termini converging in a compact central domain. This unique arrangement underscores the complex organization of FGA, showcasing its structural intricacies and the interplay between its constituent subunits, which are crucial for its functional roles within biological systems.</p>
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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