

FGG, 27-437aa, Human, His tag, E.coli

Cat.NO.: TP02125

3th Edition

Synonyms:Fibrinogen gamma chain isoform gamma-A, Fibrinogen gamma chain

Description:FGG, also Known as Fibrinogen gamma chain isoform gamma-A. FGG is the gamma component of fibrinogen, a blood-borne glycoprotein comprised of three pairs of nonidentical polypeptide chains. Following vascular injury, FGG is cleaved by thrombin to form fibrin which is the most abundant component of blood clots. Recombinant human FGG, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid, In Phosphate buffered saline (pH7.4) containing 10% glycerol, 1mM DTT

Molecular Weight:48.9kDa (434aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSYVATRDNCCILDERFGSYCPTTCGIADFLSTYQTKVDKDLQSLEDILHQVEN
KTSEVKQLIKAIQLTYNPDESSKPNMIDAATLKSRKMLEEIMKYEASILTHDSSIRYLQEIYNSNNQKIVNLKEKVAQLE
AQCQEPCKDTVQIHDITGKDCQDIANKGAKQSGLYFIKPLKANQQFLVYCEIDGSGNGWTVFQKRLDGSVDFKKN
WIQYKEGFGHLSPTGTTEFWLGNEKIHLISTQSAIPYALRVELEDWNGRTSTADYAMFKVGPEADKYRLTYAYFAG
GDAGDAFDGFDGDDPSDKFFTSHNGMQFSTWDNDNDKFEGNCAEQDGSWWWMNKCHAGHLNGVYYQGGTY
SKASTPNGYDNGIHWATWKTRWYSMKKTTMKIIPFNRLTIGEGQQHHLGGAKQAGDV

Purity:> 95% by HPLC

Concentration:0.5mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.