

AR51773PU-N**Human Fibrinogen gamma chain (27-437, His-tag) - Purified****Alternate names:**

FGG, FIBG, PRO2061

Quantity:

0.1 mg

Concentration:

0.5 mg/ml (determined by Bradford assay)

Background:

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.

Uniprot ID:[P02679](#)**NCBI:**[NP_000500](#)**GeneID:**[2266](#)**Species:**

Human

Source:

E. coli

Format:**State:** Liquid purified protein**Purity:** >90% by SDS - PAGE**Buffer System:** Liquid, In Phosphate buffered saline (pH7.4) containing 10% glycerol, 1mM DTT.**Description:**

Recombinant human FGG, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHHH SGLVPRGSH MGSYVATRDN CCILDERFGS YCPTTCGIAD FLSTYQTKVD
KDLQSLIEDIL HQVENKTSEV KQLIKAIQLT YNPDESSKPN MIDAATLKSR KMLEEIMKYE
ASILTHDSSI RYLQEIYNSN NQKIVNLKEK VAQLEAQCQE PCKDTVQIHD ITGKDCQDIA
NKGAKQSGLY FIKPLKANQQ FLVYCEIDGS GNGWTVFQKR LDGSVDFKKN WIQYKEGFH
LSPTGTTEFW LGNEKIHLLIS TQSAIPYALR VELEDWNGRT STADYAMFKV GPEADKYRLT
YAYFAGGDAG DAFDGFDFGD DPSDKFFTSH NGMQFSTWDN DNDKFEGNCA EQDGSWWMN
KCHAGHLNGV YYQGGTYSKA STPNGYDNGI IWATWKTRWY SMKKTMTKII PFNRLTIGEG
QQHHLGGAKQ AGDV

Molecular weight: 48.9 kDa (434aa) confirmed by MALDI-TOF**Storage:**

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

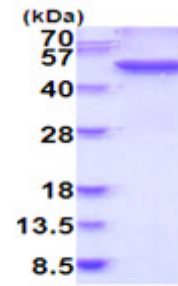
Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

Abaeva AA., et al. (2013) J. Biol. Chem. 288 (41), 29621-29632

Pictures:



15% SDS-PAGE (3ug)