

RPA512Hu01 50µg

Recombinant Fibrinogen Like Protein 2 (FGL2)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Asn24~Pro439

Tags: N-terminal His Tag

Subcellular Location: Secreted

Purity: > 97%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Original Concentration: 200µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 7.2

Predicted Molecular Mass: 51.3kDa

Accurate Molecular Mass: 51kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

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                                NNETEEI KDERAKDVCP VRLESRGKCE
EAGECPYQVS LPPLTIQLPK QFSRIEEVFK EVQNLKEIVN SLKKSCQDCK
LQADDNGDPG RNgLLLPSTG APGEVGDNRV RELESEVNKL SSELKNAKEE
INVLHGRLEK LNLVNMNIE NYVDSKVANL TFVVNSLDGK CSKCPSQEIQ
QSRPVQHLYI KDCSDYYAIG KRSSETYRVT PDPKNSSFEV YCDMETMGGG
WTVLQARLDG STNFTRTWQD YKAGFGNLR EFWLGNDKIH LLTKSKEMIL
RIDLEDFNGV ELYALYDQFY VANEFLKYRL HVGNYNGTAG DALRFNKHYN
HDLKFFTPD  KDNDRYPSGN CGLYYSSGWW FDACLSANLN GKYYHQKYRG
VRNGIFWGTW PGVSEAHPPG YKSSFKEAKM MIRPKHFKP

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[IDENTIFICATION]

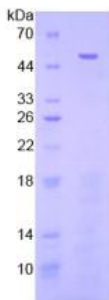


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.