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YB93022Mu01

Fibrinogen Like Protein 1 (FGL1)

Organism: Mus musculus (Mouse)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES

4th Edition (Revised in August, 2012)

[DESCRIPTION]

Protein Names: Fibrinogen Like Protein 1

Synonyms: FGL1, Mfire1

Species: Mouse

Size: 100μg

Source: *Escherichia* coli-derived

Subcellular Location: Secreted.

[PROPERTIES]

Residues: Leu23~Ile314 (Accession # Q71KU9), with two N-terminal Tags, His-tag and S-tag.

Grade & Purity: >95%, 40 kDa as determined by SDS-PAGE reducing conditions.

Formulation: Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.

Endotoxin Level: <1.0 EU per 1μg (determined by the LAL method).

Applications: SDS-PAGE; WB; ELISA; IP.

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

Predicted Molecular Mass: 39.4 kDa

Predicted isoelectric point: 5.5

[PREPARATION]

Reconstitute in sterile PBS, pH7.2-pH7.4.

[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 of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCES]

The target protein is fused with two N-terminal Tags, His-tag and S-tag, its sequence is listed below.

MHHHHHHSSGLVPRGSGMKETAAAKFERQHMDSPDLGTDDDDKAMADIGS-LESESCLR EQVRLRAQVH QLETRVKQQQ TMIAQLLHEK EVQFLDKGSE NSFIDLGGKR QYADCSEIYN DGFKQSGFYK IKPLQSLAEF SVYCDMSDGG GWTVIQRRSD GSENFNRGWN DYENGFGNFV QNNGEYWLGN KNINLLTIQG DYTLKIDLTD FEKNSSFAQY QSFKVGDKKS FYELNIGEYS GTAGDSLSGT FHPEVQWWAS HQRMKFSTWD RDNDNYQGNC AEEEQSGWWF NRCHSANLNG VYYRGSYRAE TDNGVVWYTW HGWWYSLKSV VMKIRPSDFI PNII