

RPB215Bo01 100ug

Recombinant Fibrinogen Beta Chain (FGB)

Organism Species: Bos taurus; Bovine (Cattle)

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: Gly49~Gln495

Tags: N-terminal His Tag

Subcellular Location: Secreted

**Purity:** > 80%

Traits: Freeze-dried powder

**Buffer formulation:** PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

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: 7.9

Predicted Molecular Mass: 56.7kDa

**Accurate Molecular Mass:** 57kDa as determined by SDS-PAGE reducing conditions.

#### [USAGE]

Reconstitute in 10mM PBS (pH7.4) 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 ]



		GHRPYDKKK	EEAPSLRPVP	PPISGGGYRA	RPATATVGQK
KVERKPPDAD	GCLHADPDLG	VLCPTGCKLQ	DTLVRQERPI	RKSIEDLRNT	VDSVSRTSSS
TFQYITLLKN	MWKGRQNQVQ	DNENVVNEYS	SHLEKHQLYI	DETVKNNIPT	KLRVLRSILE
NLRSKIQKLE	SDVSTQMEYC	RTPCTVTCNI	PVVSGKECEK	IIRNEGETSE	MYLIQPEDSS
KPYRVYCDMK	TEKGGWTVIQ	NRQDGSVDFG	RKWDPYKQGF	GNIATNAEGK	KYCGVPGEYW
LGNDRISQLT	NMGPTKLLIE	MEDWKGDKVT	ALYEGFTVQN	EANKYQLSVS	KYKGTAGNAL
IEGASQLVGE	NRTMTIHNSM	FFSTYDRDND	GWKTTDPRKQ	CSKEDGGGWW	YNRCHAANPN
GRYYWGGAYT	WDMAKHGTDD	GVVWMNWQGS	WYSMKKMSMK	TRPYFPEQ	

# [ IDENTIFICATION ]

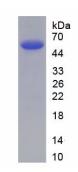


Figure. SDS-PAGE

# [ 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.