

Recombinant Fibrinogen Alpha Chain (FGA) Instruction Manual

SIPB384Bo01

Bos taurus; Bovine (Cattle)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	66.8KDa
Accurate Molecular Mass	67kDa(Analysis of differences refer to the manual)
Residues & Tags	Gly39~Pro615 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	7.7
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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GP RLVERQQSAC
KETGWPFCS D EDWNTKCP SG CRMKGLIDEV DQDFTSRINK LRDSL FNYQK
NSKDSNTLTK NIVELMRGDF AKANNNDNTF KQISEDLSR IEILRRK VIE
QVQRIKVLQK NVRDQLVDMK RLEVDIDIKI RSCKGSCSRA LEHKVDLEDY
KNQQKQLEQV IAINLLPSRD IQYLPLIKMS TITGVPVPREF KSQLQEAPLE
WKALLEMQQT KMVLETFGGD GHARGDSVSQ GTGLAPGSPR KPGTSSIGNV
NPGSYGPGSS GTWNPGRPEP GSAGTWNPGR PEPGSAGTWN PGRPEPGSAG
TWNPGRPEPG SAGTWNPGRP EPGSAGTWN T GSSGSSSFRP DSSGHGNIRP
SSPDWGTFRE EGSVSSGKQ EFHTGKLVTT KGDKELLIDN EKVTSGHTTT
TRRSCSKVIT KVTNADGRT ETTKEVVKSE DGSDCGDADF DWHHTFPSRG
NLDDFFHRDK DDFTRSSHE FDGRTGLAPE FAALGESGSS SSKTSTHSKQ
FVSSSTTVNR GGS AIESKH F KMEDEAESLE DLGFKGAHGT QKGHTKARPA
RGIHTSPLGE PSLTP
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USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

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.

Image

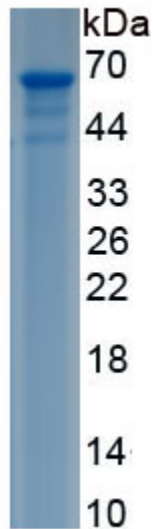


Figure. SDS-PAGE

[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.