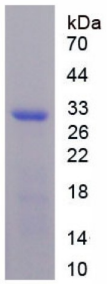
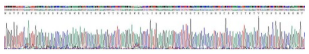
Mouse Fibrinogen Alpha (FGA) Protein

Catalogue No.:abx066567



SDS-PAGE analysis of Mouse Fibrinogen Alpha (FGA) Protein.



Gene sequencing extract of Mouse Fibrinogen Alpha (FGA) Protein.

Recombinant Fibrinogen Alpha (FGa) is a recombinant Mouse protein produced in a Prokaryotic expression system (E. coli).

Target:	Fibrinogen Alpha (FGA)
Origin:	Mouse
Expression:	Recombinant
Tested Applications:	WB, SDS-PAGE
Host:	E. coli
Conjugation:	Unconjugated
Form:	Lyophilized
Purity:	> 95%
Reconstitution:	To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH_2O. If a lower concentration is required, dilute in 10 mM PBS, pH 7.4. If a higher concentration is required, the product can be reconstituted directly in 10 mM PBS, pH 7.4, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 mg/ml. Do not vortex.

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Storage:	Store at 2-8 °C for up to one month. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	E9PV24 (UniProt, ExPASy)
KEGG:	mmu:14161
String:	10090.ENSMUSP00000133117
Molecular Weight:	Calculated MW: 25.5 kDa Observed MW (SDS-PAGE): 29 kDa Possible reasons why the actual band size differs from the predicted band size: 1. Splice variants. Alternative splicing may create different sized proteins from the same gene. 2. Relative charge. The composition of amino acids may affect the charge of the protein. 3. Post-translational modification. Phosphorylation, glycoslyation, methylation etc. may affect the band size. 4. Post-translational cleavage. Many proteins are synthesised as pro-proteins, and then cleaved to give the active form. 5. Polymerisation of the target protein. Dimerisation, multimerisation etc. will increase the band size observed.
Sequence Fragment:	Trp357-Asp556
Sequence:	WGVFSEF GDSSSPATRK EYHTGKAVTS KGDKELLIGK EKVTSSGTST THRSCSKTIT KTVTGPDGRR EVVKEVITSD DGSDCGDATE LDISHSFSGS LDELSERHPD LSGFFDNHFG LISPNFKEFG SKTHSDSDIL TNIEDPSSHV PEFSSSSKTS TVKKQVTKTY KMADEAGSEA HREGETRNTK RGRARARPTR DCD
Tag:	N-terminal His tag
Buffer:	Prior to lyophilization: PBS, pH 7.4, containing 0.01% Sarcosyl, 5% Trehalose.
Activity:	Not tested
Concentration:	Prior to lyophilization: 600 μg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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