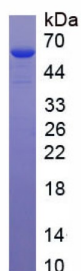
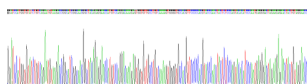


Mouse Angiostatin Protein

Catalogue No.: abx065344



SDS-PAGE analysis of recombinant Mouse Angiostatin.



Gene sequencing extract of recombinant Mouse Angiostatin.

Mouse Angiostatin is a recombinant Mouse protein produced in a Prokaryotic expression system (E. coli).

Target: Angiostatin

Origin: Mouse

Expression: Recombinant

Tested Applications: WB, SDS-PAGE

Host: E. coli

Conjugation: Unconjugated

Form: Lyophilized

Activity: Not tested

Purity: > 97%

Reconstitution: Reconstitute in ddH₂O to a concentration between 0.1-0.125 mg/ml. Do not vortex.

Storage: Store at 2-8°C for up to one month. For long-term storage, store at -80°C. Avoid repeated freeze/thaw cycles.

Datasheet

Version: 5.0.0
Revision date: 11 Oct 2025



UniProt Primary AC: P20918 ([UniProt](#), [ExPASy](#))

Gene Symbol: PLG

KEGG: mmu:18815

String: [10090.ENSMUSP00000014578](#)

Molecular Weight: Calculated MW: 39.8 kDa

Observed MW (SDS-PAGE): 60 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, glycosylation, 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: Val98-Trp436

Sequence: VYL SECKTGIGNG YRGTMSTRTKS GVACQKWGAT FPHVPNYSPS THPNEGLEEN YCRNPDNDEQ
GPWCYTTDPD KRYDYCNIFE CEEECMYCSG EKYEGKISKI MSGLDCQAWD SQSPHAHGYI
PAKFPSKNLK MNYCRNPDGE PRPWCFTTDP TKRWEYCDIP RCTTPPPPPS PTYQCLKGRG
ENYRGTVSVT VSGKTCQRWS EQTPHRHNRT PENFPCKNLE ENYCRNPDGE TAPWCYTTDS
QLRWEYCEIP SCESSASPDQ SDSSVPPEEQ TPVVQECYQS DGQSYRGTS TTITGKKCQS
WAAMFPHRHS KTPENFPDAG LEMNYCRNPD GDKGPW

Tag: N-terminal His tag

Buffer: Prior to lyophilization: PBS, pH 7.4, containing 0.01% Sarcosyl, 5% Trehalose.

Concentration: Prior to lyophilization: 80 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.