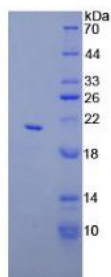


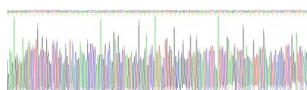
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## Mouse Apolipoprotein C3 (APOC3) Protein

Catalogue No.: abx065421



SDS-PAGE analysis of Mouse Apolipoprotein C3 Protein.



Gene sequencing extract of Mouse Apolipoprotein C3 Protein.

Recombinant Apolipoprotein C3 (APOC3) is a recombinant protein from Mouse. It is produced in E.coli using Prokaryotic expression.

**Target:** Apolipoprotein C3 (APOC3)

**Origin:** Mouse

**Host:** E. coli

**Tested Applications:** WB, SDS-PAGE

**Purity:** > 90%

**Form:** Lyophilized

**Reconstitution:** Reconstitute in PBS (pH 7.4) to a concentration of 0.1-1.0 mg/ml. Do not vortex.

**Conjugation:** Unconjugated

**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.

**Expression:** Recombinant

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**Molecular Weight:** 10.4 kDa (Predicted Molecular Mass), 21 kDa (Accurate Molecular Mass as determined by SDS-PAGE)

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.

**Swiss Prot:** [P33622](#)

**Sequence Fragment:** Glu21-Ser99

**Sequence:** EEVEGSLLLG SVQGYMEQAS KTVQDALSSV QESDIAVVAR GWMDNHFRFL KGYWSKFTDK  
FTGFWDSNPE DQPTPAIES

**Tag:** N-terminal His-tag

**Activity:** Not tested

**Concentration:** Prior to lyophilization: 200 µg/ml

**Buffer:** Prior to lyophilization: PBS, pH 7.4, containing 0.01% Sarcosyl, 1 mM DTT, 5% Trehalose and Proclin-300.

**Note:** This product is for research use only.