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YBB890Hu01 50 μ g

Recombinant Apolipoprotein C3 (APOC3)

Organism Species: Homo sapiens (Human)

*Instruction
manual*

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

10th Edition (Revised in Jan,
2014)

[PROPERTIES]

Residues: Ser21~Ala99

Tags: Two N-terminal Tags, His-tag and GST-tag

Accession: P02656

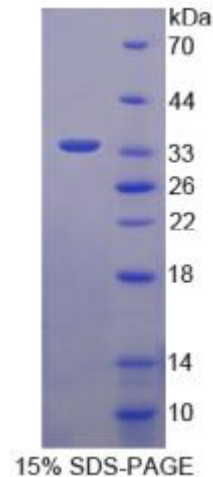
Host: *E. coli*

Subcellular Location: Secreted.

Purity: >95%

Endotoxin Level: <1.0EU per 1 μ g (determined by the
LAL method).

Formulation: Supplied as lyophilized form in
100mM NaHCO₃, 500mM NaCl, pH8.3, containing 1mM
EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose,



The possible reasons that the actual band size differs from the predicted are as follows:
and preservative.

Predicted isoelectric point:

5.8 Predicted Molecular Mass:

40.7kDa



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Accurate Molecular Mass: 34kDa as determined by SDS-PAGE reducing conditions. Applications: SDS-PAGE; WB; ELISA; IP.

(May be suitable for use in other assays to be determined by the end user.)

Note:

1. Splice variants: Alternative splicing may create different sized proteins from the same gene.
2. Relative charge: The composition of amino acids may affects the charge of the protein.
3. Post-translational modification: Phosphorylation, glycosylation, methylation etc.
4. Post-translation cleavage: Many proteins are synthesized as pro-proteins, and then cleaved to give the active form.
5. Polymerization of the target protein: Dimerization, multimerization etc.

[USAGE]

Reconstitute in ddH₂O.

[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 of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCES]

The sequence of the target protein is listed below.

S E A E D A S L L S F M Q G Y M K H A T K T A K D A L S S V Q E S Q V A Q Q A R G W V T D G F S S L
KDYWSTVKDK FSEFWLDLPE VRPTSAAVA



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[REFERENCES]

1. Protter A. A., *et al.* (1984) DNA 3:449-456.
2. Levy-Wilson B., *et al.* (1984) DNA 3:359-364.
3. Karathanasis S. K., *et al.* (1985) J. Lipid Res. 26:451-456.
4. Sharpe C. R., *et al.* (1984) Nucleic Acids Res. 12:3917-3932.