

Recombinant Rat Apoc2 Protein, His-tagged

Cat. No. Apoc2-222R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Apoc2 Protein (Thr23-Glu97) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Thr23-Glu97
Description	Predicted to enable several functions, including identical protein binding activity; lipase activator activity; and phospholipase binding activity. Involved in lipoprotein transport and response to xenobiotic stimulus. Predicted to be located in extracellular space. Predicted to be part of several cellular components, including low-density lipoprotein particle; spherical high-density lipoprotein particle; and triglyceride-rich plasma lipoprotein particle. Human ortholog(s) of this gene implicated in familial apolipoprotein C-II deficiency; familial hyperlipidemia; and multiple sclerosis. Orthologous to human APOC2 (apolipoprotein C2).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 38.3 kDa Accurate Molecular Mass: 41 kDa
Purity	> 97%

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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 centigrade 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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Apoc2 apolipoprotein C-II [Rattus norvegicus (Norway rat)]
Official Symbol	Apoc2
Synonyms	Apoc2; apolipoprotein C2; Apo-CII; ApoC-II; RGD1560725; apolipoprotein C-II
Gene ID	292697
mRNA Refseq	NM_001085352
Protein Refseq	NP_001078821
UniProt ID	G3V8D4

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA