Recombinant Rat Apof Protein, His-tagged

Cat. No. Apof-229R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Apof Protein (Ser155-Arg308) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Ser155-Arg308
Description	Predicted to be involved in cholesterol metabolic process. Predicted to act upstream of or within cholesterol efflux and triglyceride metabolic process. Predicted to be part of high-density lipoprotein particle and low-density lipoprotein particle. Predicted to be active in extracellular space. Orthologous to human APOF (apolipoprotein F).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 20.8 kDa Accurate Molecular Mass: 21 kDa
Purity	> 97%
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

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	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	Apof apolipoprotein F [Rattus norvegicus (Norway rat)]
Official Symbol	Apof
Synonyms	APOF; apolipoprotein F; apo-F; liver regeneration-related protein LRRG151
Gene ID	500761
mRNA Refseq	NM_001024351
Protein Refseq	NP_001019522
UniProt ID	Q5M889

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