

Recombinant Human APOC2 293 Cell Lysate

Cat. No. APOC2-8783HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for apolipoprotein C-II (APOC2) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.
Applications	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

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GENE INFORMATION

Gene Name	APOC2 apolipoprotein C-II [Homo sapiens]
Official Symbol	APOC2
Synonyms	APOC2 ; apolipoprotein C-II ; apolipoprotein C2 ; APO-CII ; APOC-II ; MGC75082 ;
Gene ID	344
mRNA Refseq	NM_000483
Protein Refseq	NP_000474
MIM	608083
UniProt ID	P02655
Chromosome Location	19q13.2
Pathway	Chylomicron-mediated lipid transport, organism-specific biosystem ; HDL-mediated lipid transport, organism-specific biosystem ; Lipid digestion, mobilization, and transport, organism-specific biosystem ; Lipoprotein metabolism, organism-specific biosystem ; Metabolism, organism-specific biosystem ; Metabolism of lipids and lipoproteins, organism-specific biosystem ; Statin Pathway, organism-specific biosystem ;
Function	enzyme activator activity ; lipase inhibitor activity ; lipid binding ; lipoprotein lipase activator activity ; phospholipase activator activity ; phospholipase binding ; protein homodimerization activity ;

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