

Recombinant Human CCDC56 293 Cell Lysate

Cat. No. COA3-7759HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for coiled-coil domain containing 56 (CCDC56) 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.

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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.

GENE INFORMATION
Gene Name

COA3?cytochrome c oxidase assembly factor 3 [?Homo sapiens?(human)]

Official Symbol

COA3

Synonyms

COA3; CCDC56; HSPC009; MITRAC12; cytochrome c oxidase assembly factor 3; cytochrome c oxidase assembly factor 3 homolog, mitochondrial; coiled-coil domain-containing protein 56; cytochrome C oxidase assembly factor 3 homolog, mitochondrial; cytochrome c oxidase assembly protein 3 homolog, mitochondrial; mitochondrial translation regulation assembly intermediate of cytochrome c oxidase protein of 12 kDa

Gene ID

28958

mRNA Refseq

NM_001040431

Protein Refseq

NP_001035521

MIM

614775

UniProt ID

Q9Y2R0

Chromosome Location

17q21

Function

protein binding

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