

Recombinant Human COX16 293 Cell Lysate

Cat. No. COX16-7336HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for COX16 cytochrome c oxidase assembly homolog (<i>S. cerevisiae</i>) (COX16) 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	COX16 COX16 cytochrome c oxidase assembly homolog (S. cerevisiae) [Homo sapiens (human)]
Official Symbol	COX16
Synonyms	HSPC203; C14orf112; cytochrome c oxidase assembly protein; COX16 homolog, mitochondrial; cytochrome c oxidase assembly factor; COX16 cytochrome c oxidase assembly homolog (S. cerevisiae); cytochrome c oxidase assembly protein COX16 homolog, mitochondrial; chromosome 14 open reading frame
Gene ID	51241
mRNA Refseq	NM_001204090.1
Protein Refseq	NP_001191019.1
UniProt ID	Q9POS2
Chromosome Location	14q24.2
Function	molecular_function

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