

Recombinant Human FAM36A 293 Cell Lysate

Cat. No. FAM36A-6382HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for family with sequence similarity 36, member A (FAM36A) 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 COX20 COX20 cytochrome C oxidase assembly factor [Homo sapiens (human)]

Official Symbol FAM36A

Synonyms COX20; COX20 cytochrome C oxidase assembly factor; FAM36A; cytochrome c oxidase protein 20 homolog; protein FAM36A; COX20 Cox2 chaperone homolog; family with sequence similarity 36, member A

Gene ID 116228

mRNA Refseq NM_198076

Protein Refseq NP_932342

MIM 614698

UniProt ID Q5RI15

Chromosome Location 1q44

Pathway

Metabolism, organism-specific biosystem; Respiratory electron transport, organism-specific biosystem; Respiratory electron transport, ATP synthesis by chemiosmotic coupling, and heat production by uncoupling proteins., organism-specific biosystem; The citric acid (TCA) cycle and respiratory electron transport, organism-specific

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biosystem

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