Recombinant Human COX6B2 293 Cell Lysate

Cat. No. COX6B2-7328HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for cytochrome c oxidase subunit VIb polypeptide 2 (testis) (COX6B2) 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

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	mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name	COX6B2 cytochrome c oxidase subunit VIb polypeptide 2 (testis) [Homo sapiens]
Official Symbol	COX6B2
Synonyms	COX6B2; cytochrome c oxidase subunit VIb polypeptide 2 (testis); cytochrome c oxidase subunit 6B2; cancer/testis antigen 59; COXVIB2; CT59; cytochrome c oxidase subunit VIb; testes specific; FLJ32865; COX VIb-2; cytochrome c oxidase subunit VIb, testes specific; cytochrome c oxidase subunit VIb, testes-specific; cytochrome c oxidase subunit VIb, testis-specific isoform; FLJ46422; MGC119094;
Gene ID	125965
mRNA Refseq	NM_144613
Protein Refseq	NP_653214
UniProt ID	Q6YFQ2
Chromosome Location	19q13.42
Pathway	Alzheimers disease, organism-specific biosystem; Alzheimers disease, conserved biosystem; Cardiac muscle contraction, organism-specific biosystem; Cardiac muscle contraction, conserved biosystem; Cytochrome c oxidase, organism-specific biosystem; Cytochrome c oxidase, conserved biosystem; Huntingtons disease, organism-specific biosystem;

Function	cytochrome-c oxidase activity;

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