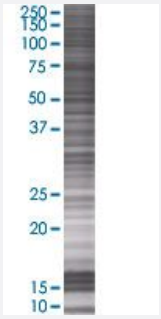
COX6B1 293T Cell Transient Overexpression Lysate(Denatured)

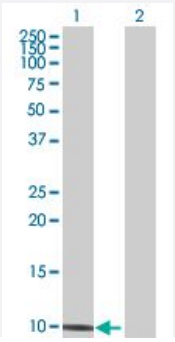
Catalog # H00001340-T01 Size 100 uL

Applications



SDS-PAGE Gel

COX6B1 transfected lysate.



Western Blot

Lane 1: COX6B1 transfected lysate (9.57 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-COX6B1 full-length
Host	Human
Theoretical MW (kDa)	9.57
Quality Control Testing	Transient overexpression cell lysate was tested with Anti-COX6B1 antibody (H00001340-B01) by W estern Blots. SDS-PAGE Gel COX6B1 transfected lysate. Western Blot Lane 1: COX6B1 transfected lysate (9.57 KDa) Lane 2: Non-transfected lysate.

Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — COX6B1

Entrez GeneID	1340
GeneBank Accession#	NM_001863.3
Protein Accession#	NP_001854.1
Gene Name	COX6B1
Gene Alias	COX6B, COXG
Gene Description	cytochrome c oxidase subunit Vib polypeptide 1 (ubiquitous)
Omim ID	124089
Gene Ontology	Hyperlink
Gene Summary	Cytochrome c oxidase (COX), the terminal enzyme of the mitochondrial respiratory chain, catalyzes the electron transfer from reduced cytochrome c to oxygen. It is a heteromeric complex consisting of 3 catalytic subunits encoded by mitochondrial genes and multiple structural subunits encoded by nuclear genes. The mitochondrially-encoded subunits function in electron transfer, and the nuclear-encoded subunits may be involved in the regulation and assembly of the complex. This nuclear gene encodes subunit Vlb. Three pseudogenes COX6BP-1, COX6BP-2 and COX6BP-3 have been found on chromosomes 7, 17 and 22q13.1-13.2, respectively. [provided by RefSeq
Other Designations	cytochrome c oxidase subunit Vlb|human cytochrome oxidase subunit Vlb

Pathway

- Cardiac muscle contraction
- Metabolic pathways
- Oxidative phosphorylation