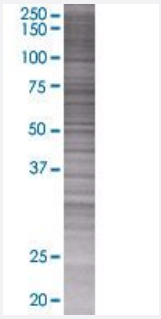
NDUFB6 293T Cell Transient Overexpression Lysate(Denatured)

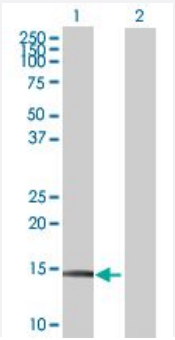
Catalog # H00004712-T01 Size 100 uL

Applications



SDS-PAGE Gel

NDUFB6 transfected lysate.



Western Blot

Lane 1: NDUFB6 transfected lysate (14.19 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-NDUFB6 full-length
Host	Human
Theoretical MW (kDa)	14.19
Interspecies Antigen Sequence	Mouse (70); Rat (70)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-NDUFB6 antibody (H00004712-B01) by Western Blots. SDS-PAGE Gel NDUFB6 transfected lysate. Western Blot Lane 1: NDUFB6 transfected lysate (14.19 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 — NDUFB6

Entrez GeneID	4712
GeneBank Accession#	NM_002493.3
Protein Accession#	NP_002484.1
Gene Name	NDUFB6
Gene Alias	B17, CI, MGC13675
Gene Description	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 6, 17kDa
Omim ID	603322
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a subunit of the multisubunit NADH:ubiquinone oxidoreductase (complex I). Mammalian complex I is composed of 45 different subunits. It locates at the mitochondrial inner membrane. This protein has NADH dehydrogenase activity and oxidoreductase activity. It transfers electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone. Alternative splicing occurs at this locus and two transcript variants encoding distinct isoforms have been identified. [provided by RefSeq
Other Designations	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 6 (17kD, B17)|NADH-ubiquinone oxidoreductase B17 subunit|NADH-ubiquinone oxidoreductase beta subunit, 6|OTTHUMP00000021179|OTTHUMP00000021180|complex I, mitochondrial respiratory chain, B17 subunit

Pathway

- Metabolic pathways
- Oxidative phosphorylation

Disease

- Diabetes Mellitus
- Genetic Predisposition to Disease
- Prostatic Neoplasms