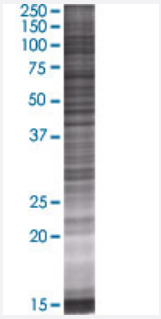
SCO1 293T Cell Transient Overexpression Lysate(Denatured)

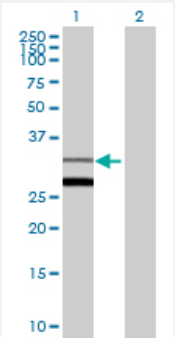
Catalog # H00006341-T01 Size 100 uL

Applications



SDS-PAGE Gel

SCO1 transfected lysate.



Western Blot

Lane 1: SCO1 transfected lysate (33.22 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-SCO1 full-length
Host	Human
Theoretical MW (kDa)	33.22
Interspecies Antigen Sequence	Mouse (69); Rat (67)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-SCO1 antibody (H00006341-B01) by Western Blots. SDS-PAGE Gel SCO1 transfected lysate. Western Blot Lane 1: SCO1 transfected lysate (33.22 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 — SCO1

Entrez GeneID	6341
GeneBank Accession#	NM_004589.1
Protein Accession#	NP_004580.1
Gene Name	SCO1
Gene Alias	SCOD1
Gene Description	SCO cytochrome oxidase deficient homolog 1 (yeast)
Omim ID	603644
Gene Ontology	Hyperlink
Gene Summary	Mammalian cytochrome c oxidase (COX) catalyzes the transfer of reducing equivalents from cytochrome c to molecular oxygen and pumps protons across the inner mitochondrial membrane. In yeast, 2 related COX assembly genes, SCO1 and SCO2 (synthesis of cytochrome c oxidase), enable subunits 1 and 2 to be incorporated into the holoprotein. This gene is the human homolog to the yeast SCO1 gene. [provided by RefSeq
Other Designations	cytochrome oxidase deficient homolog 1

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema