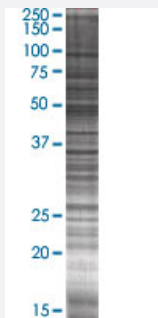


# SLC25A31 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00083447-T02

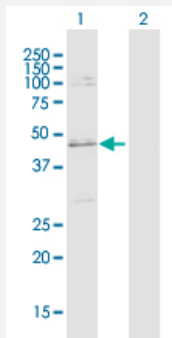
Size 100 uL

## Applications



### SDS-PAGE Gel

SLC25A31 transfected lysate.



### Western Blot

Lane 1: SLC25A31 transfected lysate ( 35 KDa)

Lane 2: Non-transfected lysate.

## Specification

**Transfected Cell Line** 293T

**Plasmid** pCMV-SLC25A31 full-length

**Host** Human

**Theoretical MW (kDa)** 35

**Quality Control Testing** Transient overexpression cell lysate was tested with Anti-SLC25A31 antibody ([H00083447-D01P](#)) by WesternBlots.  
SDS-PAGE Gel  
SLC25A31 transfected lysate.  
Western Blot  
Lane 1: SLC25A31 transfected lysate ( 35 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 — SLC25A31

Entrez GeneID	<a href="#">83447</a>
GeneBank Accession#	<a href="#">NM_031291</a>
Protein Accession#	<a href="#">NP_112581.1</a>
Gene Name	SLC25A31
Gene Alias	AAC4, ANT4, DKFZp434N1235, SFEC35kDa
Gene Description	solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 31
Omim ID	<a href="#">610796</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	Mitochondrial ADP/ATP carriers, such as SLC25A31, are nuclear-coded mitochondrial proteins that catalyze the exchange of ATP generated in mitochondria by ATP synthase (see MIM 108729) against ADP produced in cytosol by most energy-consuming reactions (Dolce et al., 2005 [PubMed 15670820]).[supplied by OMIM]
Other Designations	adenine nucleotide translocase 4 sperm flagellar energy carrier

## Pathway

- [Calcium signaling pathway](#)