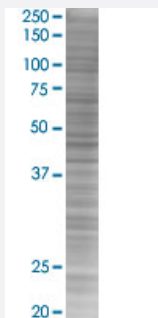


SLC25A4 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000291-T02

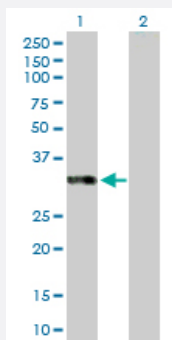
Size 100 uL

Applications



SDS-PAGE Gel

SLC25A4 transfected lysate.



Western Blot

Lane 1: SLC25A4 transfected lysate (33.10 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-SLC25A4 full-length
Host	Human
Theoretical MW (kDa)	33.1
Interspecies Antigen Sequence	Mouse (95)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-SLC25A4 antibody ([H00000291-B01](#)) by Western Blots.
SDS-PAGE Gel
SLC25A4 transfected lysate.
Western Blot
Lane 1: SLC25A4 transfected lysate (33.10 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 — SLC25A4

Entrez GeneID

[291](#)

GeneBank Accession#

[NM_001151](#)

Protein Accession#

[NP_001142.2](#)

Gene Name

SLC25A4

Gene Alias

AAC1, ANT, ANT1, PEO2, PEO3, T1

Gene Description

solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 4

Omim ID

[103220 157640 609283](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene is a member of the mitochondrial carrier subfamily of solute carrier protein genes. The product of this gene functions as a gated pore that translocates ADP from the mitochondrial matrix into the cytoplasm. The protein forms a homodimer embedded in the inner mitochondrial membrane. Mutations in this gene have been shown to result in autosomal dominant progressive external ophthalmoplegia and familial hypertrophic cardiomyopathy. [provided by RefSeq]

Other Designations

adenine nucleotide translocator 1 (skeletal muscle)

Pathway

- [Calcium signaling pathway](#)

Disease

- [Abnormalities](#)
- [Genetic Predisposition to Disease](#)
- [Ophthalmoplegia](#)
- [Parkinson disease](#)
- [Parkinsonian Disorders](#)