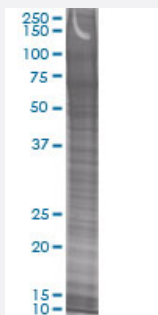


# SLC25A27 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00009481-T01

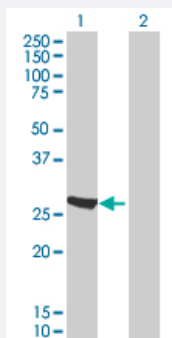
Size 100 uL

## Applications



### SDS-PAGE Gel

SLC25A27 transfected lysate



### Western Blot

Lane 1: SLC25A27 transfected lysate ( 27.06 KDa).

Lane 2: Non-transfected lysate.

## Specification

**Transfected Cell Line** 293T

**Plasmid** pCMV-SLC25A27 full-length

**Host** Human

**Theoretical MW (kDa)** 27.06

**Quality Control Testing** Transient overexpression cell lysate was tested with Anti-SLC25A27 antibody ([H00009481-B01](#)) by Western Blots.  
SDS-PAGE Gel  
SLC25A27 transfected lysate  
Western Blot  
Lane 1: SLC25A27 transfected lysate ( 27.06 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 — SLC25A27

Entrez GeneID	<a href="#">9481</a>
GeneBank Accession#	<a href="#">BC033091</a>
Protein Accession#	<a href="#">AAH33091</a>
Gene Name	SLC25A27
Gene Alias	FLJ33552, UCP4
Gene Description	solute carrier family 25, member 27
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	Mitochondrial uncoupling proteins (UCP) are members of the larger family of mitochondrial anion carrier proteins (MACP). UCPs separate oxidative phosphorylation from ATP synthesis with energy dissipated as heat, also referred to as the mitochondrial proton leak. UCPs facilitate the transfer of anions from the inner to the outer mitochondrial membrane and the return transfer of protons from the outer to the inner mitochondrial membrane. They also reduce the mitochondrial membrane potential in mammalian cells. Tissue specificity occurs for the different UCPs and the exact methods of how UCPs transfer H <sup>+</sup> /OH <sup>-</sup> are not known. UCPs contain the three homologous protein domains of MACPs. Transcripts of this gene are only detected in brain tissue and are specifically modulated by various environmental conditions. [provided by RefSeq]
Other Designations	OTTHUMP00000016548 uncoupling protein 4

## Disease

- [Alzheimer disease](#)
- [Chromosome Aberrations](#)
- [Cognition](#)

- [Diabetes Mellitus](#)
- [Epilepsy](#)
- [Genetic Predisposition to Disease](#)
- [Migraine Disorders](#)
- [Multiple Sclerosis](#)
- [Schizophrenia](#)