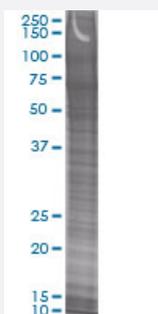


SLC25A27 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00009481-T01

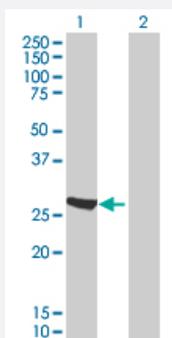
Size 100 uL

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	9481
GeneBank Accession#	BC033091
Protein Accession#	AAH33091
Gene Name	SLC25A27
Gene Alias	FLJ33552, UCP4
Gene Description	solute carrier family 25, member 27
Gene Ontology	Hyperlink
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 ⁺ /OH ⁻ 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](#)