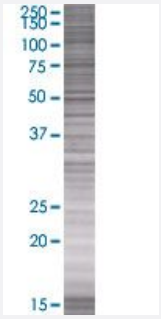
SLC29A2 293T Cell Transient Overexpression Lysate(Denatured)

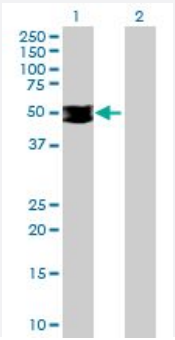
Catalog # H00003177-T02 Size 100 uL

Applications



SDS-PAGE Gel

SLC29A2 transfected lysate.



Western Blot

Lane 1: SLC29A2 transfected lysate (50.27 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-SLC29A2 full-length
Host	Human
Theoretical MW (kDa)	50.27
Interspecies Antigen Sequence	Mouse (88)

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Quality Control Testing	Transient overexpression cell lysate was tested with Anti-SLC29A2 antibody (H00003177-B02) by Western Blots. SDS-PAGE Gel SLC29A2 transfected lysate. Western Blot Lane 1: SLC29A2 transfected lysate (50.27 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 — SLC29A2

Entrez GeneID	3177
GeneBank Accession#	NM_001532.2
Protein Accession#	NP_001523.2
Gene Name	SLC29A2
Gene Alias	DER12, ENT2, HNP36
Gene Description	solute carrier family 29 (nucleoside transporters), member 2
Omim ID	602110
Gene Ontology	Hyperlink
Gene Summary	The uptake of nucleosides by transporters, such as SLC29A2, is essential for nucleotide synthesis by salvage pathways in cells that lack de novo biosynthetic pathways. Nucleoside transport also plays a key role in the regulation of many physiologic processes through its effect on adenosine concentration at the cell surface (Griffiths et al., 1997 [PubMed 9396714]).[supplied by OMIM
Other Designations	equilibrative nucleoside transporter 2|hydrophobic nucleolar protein, 36kD

Disease

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- Depressive Disorder
- Fatigue
- Sleep Disorders
- Sleep Initiation and Maintenance Disorders

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