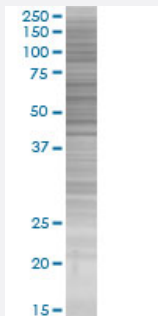


ARSA 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000410-T01

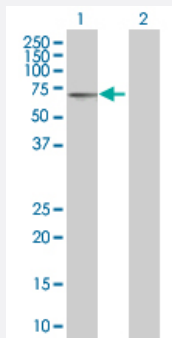
Size 100 uL

Applications



SDS-PAGE Gel

ARSA transfected lysate.



Western Blot

Lane 1: ARSA transfected lysate (53.6 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-ARSA full-length
Host	Human
Theoretical MW (kDa)	53.6
Interspecies Antigen Sequence	Mouse (87); Rat (86)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-ARSA antibody ([H00000410-B01](#)) by Western Blots.
 SDS-PAGE Gel
 ARSA transfected lysate.
 Western Blot
 Lane 1: ARSA transfected lysate (53.6 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 — ARSA

Entrez GeneID

[410](#)

GeneBank Accession#

[BC014210.2](#)

Protein Accession#

-

Gene Name

ARSA

Gene Alias

MLD

Gene Description

arylsulfatase A

Omim ID

[250100 607574](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The protein encoded by this gene hydrolyzes cerebroside sulfate to cerebroside and sulfate. Defects in this gene lead to metachromatic leucodystrophy (MLD), a progressive demyelination disease which results in a variety of neurological symptoms and ultimately death. Multiple alternatively spliced transcript variants, one of which encodes a distinct protein, have been described for this gene. [provided by RefSeq]

Other Designations

OTTHUMP00000196546|OTTHUMP00000196548

Pathway

- [Lysosome](#)
- [Sphingolipid metabolism](#)

Disease

- [Alcoholism](#)
- [Alzheimer disease](#)
- [Down Syndrome](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Lead Poisoning](#)
- [Leukodystrophy](#)