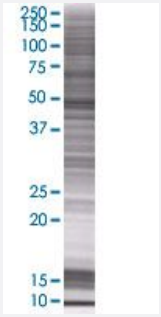
ASL 293T Cell Transient Overexpression Lysate(Denatured)

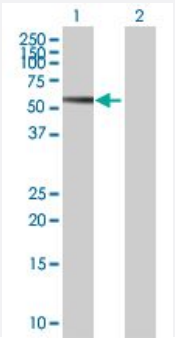
Catalog # H00000435-T01 Size 100 uL

Applications



SDS-PAGE Gel

ASL transfected lysate.



Western Blot

Lane 1: ASL transfected lysate (51.15 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-ASL full-length
Host	Human
Theoretical MW (kDa)	51.15
Quality Control Testing	Transient overexpression cell lysate was tested with Anti-ASL antibody (H00000435-B01) by Western Blots. SDS-PAGE Gel ASL transfected lysate. Western Blot Lane 1: ASL transfected lysate (51.15 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 — ASL

Entrez GeneID	435
GeneBank Accession#	NM_000048.3
Protein Accession#	NP_000039.2
Gene Name	ASL
Gene Alias	ASAL
Gene Description	argininosuccinate lyase
Omim ID	207900 608310
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the lyase 1 family. The encoded protein forms a cytosolic homotetramer and primarily catalyzes the reversible hydrolytic cleavage of argininosuccinate into arginine and fumarate, an essential step in the liver in detoxifying ammonia via the urea cycle. Mutations in this gene result in the autosomal recessive disorder argininosuccinic aciduria, or argininosuccinic acid lyase deficiency. A nontranscribed pseudogene is also located on the long arm of chromosome 22. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq
Other Designations	OTTHUMP00000024494|OTTHUMP00000159903|argininosuccinase

Pathway

- Alanine
- Arginine and proline metabolism
- Metabolic pathways