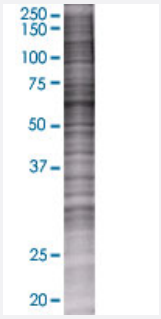
ASNS 293T Cell Transient Overexpression Lysate(Denatured)

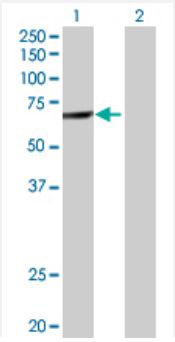
Catalog # H00000440-T01 Size 100 uL

Applications



SDS-PAGE Gel

ASNS transfected lysate.



Western Blot

Lane 1: ASNS transfected lysate (61.82 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-ASNS full-length
Host	Human
Theoretical MW (kDa)	61.82
Quality Control Testing	Transient overexpression cell lysate was tested with Anti-ASNS antibody (H00000440-B01) by Western Blots. SDS-PAGE Gel ASNS transfected lysate. Western Blot Lane 1: ASNS transfected lysate (61.82 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 — ASNS

Entrez GeneID	440
GeneBank Accession#	NM_001673.2
Protein Accession#	NP_001664.2
Gene Name	ASNS
Gene Alias	TS11
Gene Description	asparagine synthetase
Omim ID	108370
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is involved in the synthesis of asparagine. This gene complements a mutation in the temperature-sensitive hamster mutant ts11, which blocks progression through the G1 phase of the cell cycle at nonpermissive temperature. There are three alternatively spliced transcript variants encoding the same protein described for this gene. [provided by RefSeq
Other Designations	OTTHUMP00000024510|TS11 cell cycle control protein|glutamine-dependent asparagine synthetase

Pathway

- Alanine
- Metabolic pathways
- Nitrogen metabolism