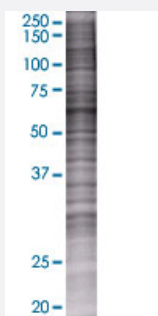


ASNS 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000440-T01

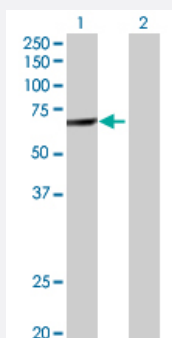
Size 100 uL

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](#)