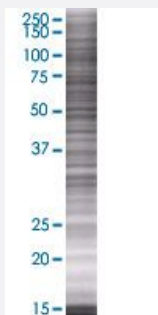


SPG7 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00006687-T01

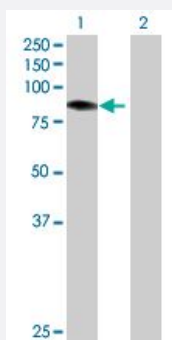
Size 100 uL

Applications



SDS-PAGE Gel

SPG7 transfected lysate.



Western Blot

Lane 1: SPG7 transfected lysate (87.56 KDa)

Lane 2: Non-transfected lysate.

Specification

| | |
|-------------------------|---|
| Transfected Cell Line | 293T |
| Plasmid | pCMV-SPG7 full-length |
| Host | Human |
| Theoretical MW (kDa) | 87.56 |
| Quality Control Testing | <p>Transient overexpression cell lysate was tested with Anti-SPG7 antibody (H00006687-B01) by Western Blots.</p> <p>SDS-PAGE Gel</p> <p>SPG7 transfected lysate.</p> <p>Western Blot</p> <p>Lane 1: SPG7 transfected lysate (87.56 KDa)</p> <p>Lane 2: Non-transfected lysate.</p> |

| | |
|---------------------|---|
| 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 — SPG7

| | |
|---------------------|---|
| Entrez GeneID | 6687 |
| GeneBank Accession# | NM_003119.2 |
| Protein Accession# | NP_003110.1 |
| Gene Name | SPG7 |
| Gene Alias | CAR, CMAR, FLJ37308, MGC126331, MGC126332, PGN, SPG5C |
| Gene Description | spastic paraplegia 7 (pure and complicated autosomal recessive) |
| Omim ID | 602783 607259 |
| Gene Ontology | Hyperlink |
| Gene Summary | This gene encodes a nuclear-encoded mitochondrial metalloprotease protein that is a member of the AAA (ATPases associated with a variety of cellular activities) protein family. Members of this protein family share an ATPase domain and have roles in diverse cellular processes including membrane trafficking, intracellular motility, organelle biogenesis, protein folding, and proteolysis. Two transcript variants encoding distinct isoforms have been identified for this gene. Mutations associated with this gene cause autosomal recessive spastic paraplegia 7. [provided by RefSeq] |
| Other Designations | cell adhesion regulator cell matrix adhesion regulator paraplegin, isoform 1 spastic paraplegia 7 |

Disease

- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)

- [Motor Neuron Disease](#)
- [Multiple Sclerosis](#)
- [Paraparesis](#)
- [Spastic Paraplegia](#)