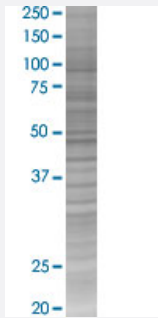


# DYNC1H1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00001778-T03

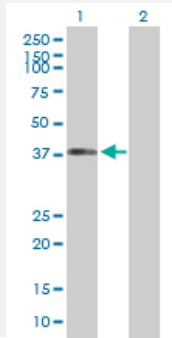
Size 100 uL

## Applications



### SDS-PAGE Gel

DYNC1H1 transfected lysate.



### Western Blot

Lane 1: DYNC1H1 transfected lysate ( 22.20 KDa)

Lane 2: Non-transfected lysate.

## Specification

**Transfected Cell Line** 293T

**Plasmid** pCMV-DYNC1H1 full-length

**Host** Human

**Theoretical MW (kDa)** 22.2

**Quality Control Testing** Transient overexpression cell lysate was tested with Anti-DYNC1H1 antibody ([H00001778-D01P](#)) by Western Blots.  
SDS-PAGE Gel  
DYNC1H1 transfected lysate.  
Western Blot  
Lane 1: DYNC1H1 transfected lysate ( 22.20 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 — DYNC1H1

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">1778</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| GeneBank Accession# | <a href="#">BC064521</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Protein Accession#  | <a href="#">AAH64521.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Gene Name           | DYNC1H1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Gene Alias          | DHC1, DHC1a, DKFZp686P2245, DNCH1, DNCL, DNECL, DYHC, Dnchc1, HL-3, KIAA0325, p22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Gene Description    | dynein, cytoplasmic 1, heavy chain 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Omim ID             | <a href="#">600112</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Gene Summary        | Dyneins are a group of microtubule-activated ATPases that function as molecular motors. They are divided into two subgroups of axonemal and cytoplasmic dyneins. The cytoplasmic dyneins function in intracellular motility, including retrograde axonal transport, protein sorting, organelle movement, and spindle dynamics. Molecules of conventional cytoplasmic dynein are comprised of 2 heavy chain polypeptides and a number of intermediate and light chains. This gene encodes a member of the cytoplasmic dynein heavy chain family. [provided by RefSeq] |
| Other Designations  | cytoplasmic dynein 1 heavy chain 1 dynein heavy chain, cytosolic dynein, cytoplasmic, heavy polypeptide 1 dynein, cytoplasmic-like                                                                                                                                                                                                                                                                                                                                                                                                                                   |

## Disease

- [Amyotrophic lateral sclerosis](#)
- [Genetic Predisposition to Disease](#)

- [Narcolepsy](#)