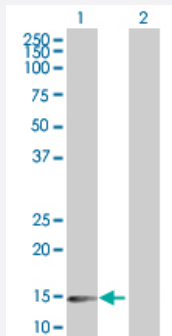


DCTN3 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00011258-T01

Size 100 uL

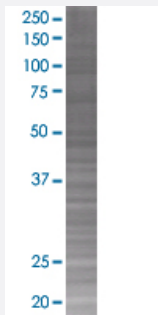
Applications



Western Blot

Lane 1: DCTN3 transfected lysate (19.5 kDa)

Lane 2: Non-transfected lysate.



SDS-PAGE Gel

DCTN3 transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-DCTN3 full-length
Host	Human
Theoretical MW (kDa)	19.47
Interspecies Antigen Sequence	Mouse (86)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-DCTN3 antibody ([H00011258-B01](#)) by Western Blots.

Western Blot

Lane 1: DCTN3 transfected lysate (19.5 KDa)

Lane 2: Non-transfected lysate.

SDS-PAGE Gel

DCTN3 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 — DCTN3

Entrez GeneID[11258](#)**GeneBank Accession#**[NM_024348](#)**Protein Accession#**[NP_077324](#)**Gene Name**

DCTN3

Gene Alias

DCTN-22, DCTN22, MGC111190

Gene Description

dynactin 3 (p22)

Omim ID[607387](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes the smallest subunit of dynactin, a macromolecular complex consisting of 10 subunits ranging in size from 22 to 150 kD. Dynactin binds to both microtubules and cytoplasmic dynein. It is involved in a diverse array of cellular functions, including ER-to-Golgi transport, the centripetal movement of lysosomes and endosomes, spindle formation, cytokinesis, chromosome movement, nuclear positioning, and axonogenesis. This subunit, like most other dynactin subunits, exists only as a part of the dynactin complex. It is primarily an alpha-helical protein with very little coiled coil, and binds directly to the largest subunit (p150) of dynactin. Alternative splicing of this gene generates 2 transcript variants. [provided by RefSeq]

Other Designations

OTTHUMP00000021292|OTTHUMP00000021293|OTTHUMP00000045394|dynactin 3|dynactin 3, isoform 1|dynactin light chain