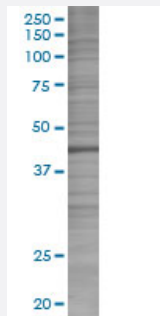


ACTR1B 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00010120-T01

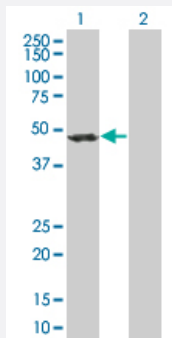
Size 100 uL

Applications



SDS-PAGE Gel

ACTR1B transfected lysate.



Western Blot

Lane 1: ACTR1B transfected lysate (41.47 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-ACTR1B full-length
Host	Human
Theoretical MW (kDa)	41.47
Interspecies Antigen Sequence	Mouse (98); Rat (98)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-ACTR1B antibody ([H00010120-B01](#)) by Western Blots.
 SDS-PAGE Gel
 ACTR1B transfected lysate.
 Western Blot
 Lane 1: ACTR1B transfected lysate (41.47 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 — ACTR1B

Entrez GeneID

[10120](#)

GeneBank Accession#

[NM_005735.2](#)

Protein Accession#

-

Gene Name

ACTR1B

Gene Alias

ARP1B, CTRN2, PC3

Gene Description

ARP1 actin-related protein 1 homolog B, centractin beta (yeast)

Omim ID

[605144](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a 42.3 kD 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 and is involved in a diverse array of cellular functions, including ER-to-Golgi transport, the centripetal movement of lysosomes and endosomes, spindle formation, chromosome movement, nuclear positioning, and axonogenesis. This subunit, like ACTR1A, is an actin-related protein. These two proteins, which are of equal length and share 90% amino acid identity, are present in a constant ratio of approximately 1:15 in the dynactin complex. [provided by RefSeq]

Other Designations

ARP1 actin-related protein 1 homolog B, centractin beta|centractin beta