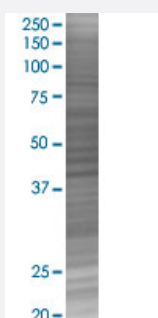


ACTB 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000060-T02

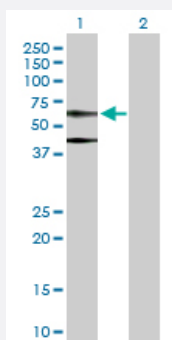
Size 100 uL

Applications



SDS-PAGE Gel

ACTB transfected lysate.



Western Blot

Lane 1: ACTB transfected lysate (41.70 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-ACTB full-length

Host Human

Theoretical MW (kDa) 41.7

Quality Control Testing Transient overexpression cell lysate was tested with Anti-ACTB antibody ([H00000060-D01P](#)) by Western Blots.
 SDS-PAGE Gel
 ACTB transfected lysate.
 Western Blot
 Lane 1: ACTB transfected lysate (41.70 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 — ACTB

Entrez GeneID[60](#)**GeneBank Accession#**[NM_001101.2](#)**Protein Accession#**[NP_001092.1](#)**Gene Name**

ACTB

Gene Alias

PS1TP5BP1

Gene Description

actin, beta

Omim ID[102630](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes one of six different actin proteins. Actins are highly conserved proteins that are involved in cell motility, structure, and integrity. This actin is a major constituent of the contractile apparatus and one of the two nonmuscle cytoskeletal actins. [provided by RefSeq]

Other Designations

PS1TP5-binding protein 1|actin, cytoplasmic 1|beta actin|beta cytoskeletal actin

Pathway

- [Adherens junction](#)
- [Arrhythmogenic right ventricular cardiomyopathy \(ARVC\)](#)
- [Focal adhesion](#)
- [Hypertrophic cardiomyopathy \(HCM\)](#)
- [Leukocyte transendothelial migration](#)

- [Pathogenic Escherichia coli infection - EHEC](#)
- [Regulation of actin cytoskeleton](#)
- [Tight junction](#)
- [Vibrio cholerae infection](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)