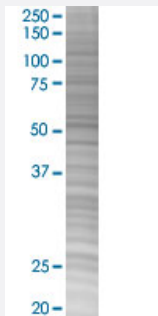


ADD1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000118-T01

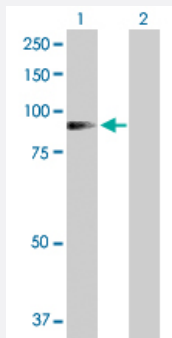
Size 100 uL

Applications



SDS-PAGE Gel

ADD1 transfected lysate.



Western Blot

Lane 1: ADD1 transfected lysate (73.40 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-ADD1 full-length
Host	Human
Theoretical MW (kDa)	73.4
Interspecies Antigen Sequence	Mouse (91); Rat (92)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-ADD1 antibody ([H00000118-D01P](#)) by Western Blots.
 SDS-PAGE Gel
 ADD1 transfected lysate.
 Western Blot
 Lane 1: ADD1 transfected lysate (73.40 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 — ADD1

Entrez GeneID

[118](#)

GeneBank Accession#

[BC042998.1](#)

Protein Accession#

[AAH42998.1](#)

Gene Name

ADD1

Gene Alias

ADDA, MGC3339, MGC44427

Gene Description

adducin 1 (alpha)

Omim ID

[102680 145500](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

Adducins are a family of cytoskeleton proteins encoded by three genes (alpha, beta, gamma). Adducin is a heterodimeric protein that consists of related subunits, which are produced from distinct genes but share a similar structure. Alpha- and beta-adducin include a protease-resistant N-terminal region and a protease-sensitive, hydrophilic C-terminal region. Alpha- and gamma-adducins are ubiquitously expressed. In contrast, beta-adducin is expressed at high levels in brain and hematopoietic tissues. Adducin binds with high affinity to Ca(2+)/calmodulin and is a substrate for protein kinases A and C. Alternative splicing results in multiple variants encoding distinct isoforms; however, not all variants have been fully described. [provided by RefSeq]

Other Designations

OTTHUMP00000151164|OTTHUMP00000151165|erythrocyte adducin alpha subunit

Disease

- [Albuminuria](#)
- [Alcoholism](#)
- [Amyotrophic lateral sclerosis](#)
- [Arterial Occlusive Diseases](#)
- [Arteriosclerosis](#)
- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Cerebral Hemorrhage](#)
- [Cerebral Palsy](#)
- [Cerebrovascular Accident](#)
- [Cerebrovascular Disorders](#)
- [Cognition Disorders](#)
- [Constriction](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Coronary Stenosis](#)
- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)
- [Diabetic Nephropathies](#)
- [Disease Progression](#)
- [Edema](#)
- [Emergencies](#)
- [Endolymphatic Hydrops](#)

- [Gastroschisis](#)
- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)
- [Heart Defects](#)
- [Hyperaldosteronism](#)
- [Hyperlipidemia](#)
- [Hyperlipoproteinemia Type II](#)
- [Hypertension](#)
- [Hypertrophy](#)
- [Hypotension](#)
- [Infant](#)
- [Inflammation](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Meniere Disease](#)
- [Meningococcal Infections](#)
- [Migraine Disorders](#)
- [Myocardial Infarction](#)
- [Myocardial Ischemia](#)
- [Neuropsychological Tests](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Overweight](#)
- [Peripheral Vascular Diseases](#)
- [Polycystic Kidney](#)
- [Polycystic kidney disease](#)

- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Proteinuria](#)
- [Recurrence](#)
- [Stroke](#)
- [Vascular Diseases](#)
- [Werner syndrome](#)