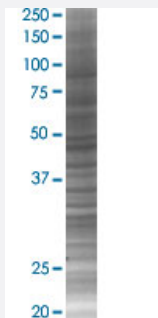


CSNK2A1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00001457-T02

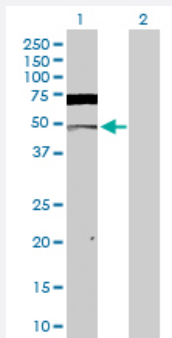
Size 100 uL

Applications



SDS-PAGE Gel

CSNK2A1 transfected lysate.



Western Blot

Lane 1: CSNK2A1 transfected lysate (45.10 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-CSNK2A1 full-length
Host	Human
Theoretical MW (kDa)	45.1
Interspecies Antigen Sequence	Mouse (99); Rat (98)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-CSNK2A1 antibody ([H00001457-D01P](#)) by Western Blots.
SDS-PAGE Gel
CSNK2A1 transfected lysate.
Western Blot
Lane 1: CSNK2A1 transfected lysate (45.10 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 — CSNK2A1

Entrez GeneID

[1457](#)

GeneBank Accession#

[NM_001895.3](#)

Protein Accession#

[NP_001886.1](#)

Gene Name

CSNK2A1

Gene Alias

CK2A1, CKII

Gene Description

casein kinase 2, alpha 1 polypeptide

Omim ID

[115440](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

Casein kinase II is a serine/threonine protein kinase that phosphorylates acidic proteins such as casein. The kinase exists as a tetramer and is composed of an alpha, an alpha-prime, and two beta subunits. The alpha subunits contain the catalytic activity while the beta subunits undergo autophosphorylation. The protein encoded by this gene represents the alpha subunit. While this gene is found on chromosome 20, a related transcribed pseudogene is found on chromosome 11. Three transcript variants encoding two different proteins have been found for this gene. [provided by RefSeq]

Other Designations

CK2 catalytic subunit alpha|OTTHUMP00000029925|OTTHUMP00000029926|casein kinase II alpha 1 subunit|casein kinase II alpha subunit|protein kinase CK2

Pathway

- [Adherens junction](#)
- [Tight junction](#)
- [Wnt signaling pathway](#)

Disease

- [Bipolar Disorder](#)
- [Cardiovascular Diseases](#)
- [Colorectal Neoplasms](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Psychiatric Status Rating Scales](#)
- [Psychotic Disorders](#)
- [Schizophrenia](#)