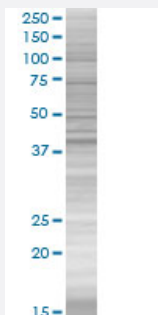


PARK2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00005071-T01

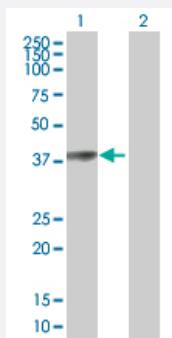
Size 100 uL

Applications



SDS-PAGE Gel

PARK2 transfected lysate.



Western Blot

Lane 1: PARK2 transfected lysate (42.4 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-PARK2 full-length
Host	Human
Theoretical MW (kDa)	42.4
Quality Control Testing	Transient overexpression cell lysate was tested with Anti-PARK2 antibody (H00005071-B01) by Western Blots. SDS-PAGE Gel PARK2 transfected lysate. Western Blot Lane 1: PARK2 transfected lysate (42.4 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 — PARK2

Entrez GeneID

[5071](#)

GeneBank Accession#

[BC022014.2](#)

Protein Accession#

-

Gene Name

PARK2

Gene Alias

AR-JP, LPRS2, PDJ, PRKN

Gene Description

Parkinson disease (autosomal recessive, juvenile) 2, parkin

Omim ID

[211980](#) [600116](#) [602544](#) [604370](#) [607572](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The precise function of this gene is unknown; however, the encoded protein is a component of a multiprotein E3 ubiquitin ligase complex that mediates the targeting of substrate proteins for proteasomal degradation. Mutations in this gene are known to cause Parkinson disease and autosomal recessive juvenile Parkinson disease. Alternative splicing of this gene produces multiple transcript variants encoding distinct isoforms. Additional splice variants of this gene have been described but currently lack transcript support. [provided by RefSeq]

Other Designations

E3 ubiquitin ligase|OTTHUMP00000017565|OTTHUMP00000017566|OTTHUMP00000017567|parkin|parkin 2

Pathway

- [Ubiquitin mediated proteolysis](#)

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Choice Behavior](#)
- [Cognition Disorders](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Dystonic Disorders](#)
- [Edema](#)
- [Essential tremor](#)
- [Genetic Predisposition to Disease](#)
- [Leprosy](#)
- [Movement Disorders](#)
- [Nerve Degeneration](#)
- [Neuropsychological Tests](#)
- [Paratyphoid Fever](#)
- [Parkinson disease](#)
- [Parkinsonian Disorders](#)
- [Pattern Recognition](#)
- [Reaction Time](#)
- [Supranuclear Palsy](#)
- [Tobacco Use Disorder](#)
- [Tremor](#)
- [Tuberculosis](#)
- [Typhoid Fever](#)