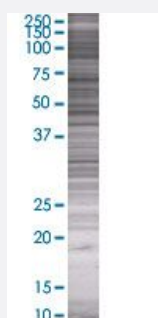


PRKG1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00005592-T01

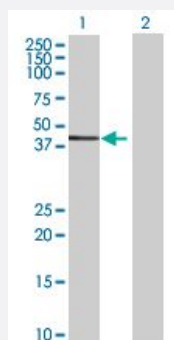
Size 100 uL

Applications



SDS-PAGE Gel

PRKG1 transfected lysate.



Western Blot

Lane 1: PRKG1 transfected lysate (34.43 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-PRKG1 full-length

Host Human

Theoretical MW (kDa) 34.43

Quality Control Testing Transient overexpression cell lysate was tested with Anti-PRKG1 antibody ([H00005592-B01](#)) by Western Blots.
SDS-PAGE Gel
PRKG1 transfected lysate.
Western Blot
Lane 1: PRKG1 transfected lysate (34.43 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 — PRKG1

Entrez GeneID	5592
GeneBank Accession#	BC062688.1
Protein Accession#	AAH62688.1
Gene Name	PRKG1
Gene Alias	CGKI, DKFZp686K042, FLJ36117, MGC71944, PGK, PKG, PRKG1B, PRKGR1B, cGKI-BETA, cGKI-alpha
Gene Description	protein kinase, cGMP-dependent, type I
Omim ID	176894
Gene Ontology	Hyperlink
Gene Summary	cGMP-dependent
Other Designations	OTTHUMP00000019619 OTTHUMP00000061216 protein kinase, cGMP-dependent, regulatory, type I, beta

Pathway

- [Gap junction](#)
- [Long-term depression](#)
- [Olfactory transduction](#)
- [Vascular smooth muscle contraction](#)

Disease

- [Alzheimer Disease](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Brain Ischemia](#)
- [Cardiovascular Diseases](#)
- [Cerebral Hemorrhage](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Diseases in Twins](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Mental Status Schedule](#)
- [Myocardial Infarction](#)
- [Obesity](#)
- [Personality Inventory](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)
- [Tobacco Use Disorder](#)