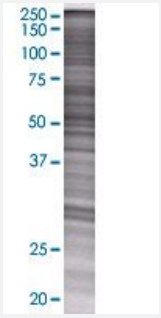
CLK4 293T Cell Transient Overexpression Lysate(Denatured)

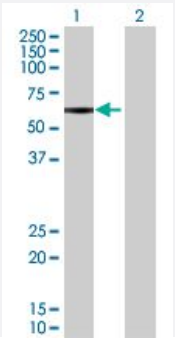
Catalog # H00057396-T01 Size 100 uL

Applications



SDS-PAGE Gel

CLK4 transfected lysate.



Western Blot

Lane 1: CLK4 transfected lysate (53.02 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-CLK4 full-length
Host	Human
Theoretical MW (kDa)	53.02
Interspecies Antigen Sequence	Mouse (97)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-CLK4 antibody (H00057396-B01) by Western Blots. SDS-PAGE Gel CLK4 transfected lysate. Western Blot Lane 1: CLK4 transfected lysate (53.02 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 — CLK4

Entrez GeneID	57396
GeneBank Accession#	NM_020666.2
Protein Accession#	NP_065717.1
Gene Name	CLK4
Gene Alias	DKFZp686A20267
Gene Description	CDC-like kinase 4
Omim ID	607969
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene belongs to the CDC2-like protein kinase (CLK) family. This protein kinase can interact with and phosphorylate the serine- and arginine-rich (SR) proteins, which are known to play an important role in the formation of spliceosomes, and thus may be involved in the regulation of alternative splicing. Studies in the Israeli sand rat Psammomys obesus suggested that the ubiquitin-like 5 (UBL5/BEACON), a highly conserved ubiquitin-like protein, may interact with and regulate the activity of this kinase. Multiple alternatively spliced transcript variants have been observed, but the full-length natures of which have not yet been determined. [provided by RefSeq
Other Designations	dual specificity protein kinase CLK4|protein serine threonine kinase Clk4