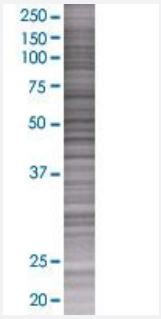
SYMPK 293T Cell Transient Overexpression Lysate(Denatured)

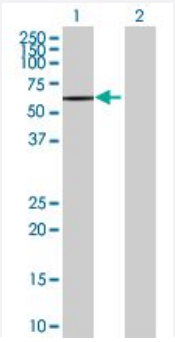
Catalog # H00008189-T01 Size 100 uL

Applications



SDS-PAGE Gel

SYMPK transfected lysate.



Western Blot

Lane 1: SYMPK transfected lysate (58.74 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-SYMPK full-length
Host	Human
Theoretical MW (kDa)	58.74
Interspecies Antigen Sequence	Mouse (97); Rat (97)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-SYMPK antibody (H00008189-B01) by Western Blots. SDS-PAGE Gel SYMPK transfected lysate. Western Blot Lane 1: SYMPK transfected lysate (58.74 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 — SYMPK

Entrez GeneID	8189
GeneBank Accession#	BC030214.1
Protein Accession#	AAH30214.1
Gene Name	SYMPK
Gene Alias	FLJ27092, SPK, SYM
Gene Description	symplekin
Omim ID	602388
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a nuclear protein that functions in the regulation of polyadenylation and promotes gene expression. The protein forms a high-molecular weight complex with components of the polyadenylation machinery. It is thought to serve as a scaffold for recruiting regulatory factors to the polyadenylation complex. It also participates in 3'-end maturation of histone mRNAs, which do not undergo polyadenylation. The protein also localizes to the cytoplasmic plaques of tight junctions in some cell types. [provided by RefSeq
Other Designations	-

Pathway

- Tight junction

Disease

- Crohn Disease
- Genetic Predisposition to Disease