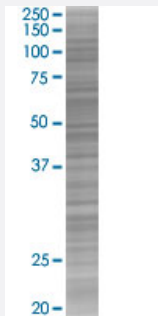# KPNA1 293T Cell Transient Overexpression Lysate(Denatured)

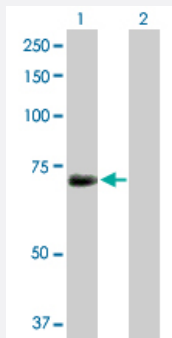Catalog #   H00003836-T03   Size   100 uL

Applications

SDS-PAGE Gel

KPNA1 transfected lysate.

Western Blot

Lane 1: KPNA1 transfected lysate (60.20 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-KPNA1 full-length
Host	Human
Theoretical MW (kDa)	60.2
Interspecies Antigen Sequence	Mouse (98); Rat (99)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-KPNA1 antibody (H00003836-D01P) by Western Blots. SDS-PAGE Gel KPNA1 transfected lysate. Western Blot Lane 1: KPNA1 transfected lysate (60.20 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 — KPNA1

Entrez GeneID	3836
GeneBank Accession#	NM_002264
Protein Accession#	NP_002255.2
Gene Name	KPNA1
Gene Alias	IPOA5, NPI-1, RCH2, SRP1
Gene Description	karyopherin alpha 1 (importin alpha 5)
Omim ID	600686
Gene Ontology	Hyperlink
Gene Summary	Recombination activating proteins RAG1 and RAG2 regulate and mediate V(D)J recombination, the process by which genes for immunoglobulins and T-cell receptors are generated. Several other ubiquitously expressed proteins are thought to be recruited in the recombination process. Among these are the genes affected in severe combined immune deficiency and genes involved in ds-DNA break repair. The protein encoded by this gene interacts with RAG1 and may play a role in V(D)J recombination. Two transcript variants, one protein-coding and the other not, have been found for this gene. [provided by RefSeq
Other Designations	importin alpha 5|importin-alpha-S1|karyopherin alpha 1|nucleoprotein interactor 1|recombination activating gene cohort 2