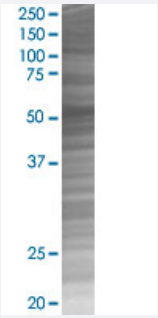
VIM 293T Cell Transient Overexpression Lysate(Denatured)

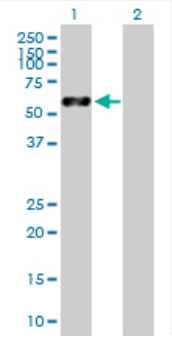
Catalog # H00007431-T02 Size 100 uL

Applications



SDS-PAGE Gel

VIM transfected lysate.



Western Blot

Lane 1: VIM transfected lysate (53.70 KDa)
Lane 2: Non-transfected lysate.

Specification

Product Description	
Transfected Cell Line	293T
Plasmid	pCMV-VIM full-length
Host	Human
Theoretical MW (kDa)	53.7
Interspecies Antigen Sequence	Mouse (97); Rat (97)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-VIM antibody (H00007431-D01P) by Western Blots. SDS-PAGE Gel VIM transfected lysate. Western Blot Lane 1: VIM transfected lysate (53.70 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 — VIM

Entrez GeneID	7431
GeneBank Accession#	NM_003380.2
Protein Accession#	NP_003371.2
Gene Name	VIM
Gene Alias	FLJ36605
Gene Description	vimentin
Omim ID	193060
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the intermediate filament family. Intermediate filamentents, along with microtubules and actin microfilaments, make up the cytoskeleton. The protein encoded by this gene is responsible for maintaining cell shape, integrity of the cytoplasm, and stabilizing cytoskeletal interactions. It is also involved in the immune response, and controls the transport of low-density lipoprotein (LDL)-derived cholesterol from a lysosome to the site of esterification. It functions as an organizer of a number of critical proteins involved in attachment, migration, and cell signaling. Mutations in this gene causes a dominant, pulverulent cataract
Other Designations	OTTHUMP00000019224

Disease

- Alzheimer disease
- Anorexia Nervosa
- Bulimia
- Cognition
- Genetic Predisposition to Disease