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- Diagnostik & molekulare Diagnostik
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See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

linkedin.com/company/szaboscandic

LMNA 293T Cell Transient Overexpression Lysate(Denatured)

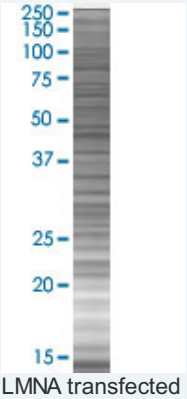
Catalog # : H00004000-T02 **規格 :** [100 uL]

List All

Specification

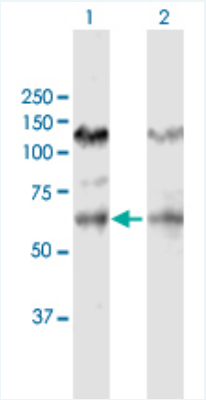
Transfected Cell Line:	293T
Plasmid:	pCMV-LMNA full-length
Host:	Human
Theoretical MW (kDa):	74.1
Quality Control Testing:	Transient overexpression cell lysate was tested with Anti-LMNA antibody (H00004000-D01) by Western Blots.

SDS-PAGE Gel



LMNA transfected lysate.

Western Blot



Lane 1: LMNA transfected lysate (74.1 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.
MSDS:	Download

Applications

Application Image

Western Blot

Western Blot

Gene Information

Entrez GeneID: 4000

GeneBank Accession#: NM_170707.1

Protein Accession#: NP_733821.1

Gene Name: LMNA

Gene Alias: CDCD1,CDDC,CMD1A,CMT2B1,EMD2,FPL,FPLD,HGPS,IDC,LDP1,LFP ,LGMD1B,LMN1,LMNC,PRO1

Gene Description: lamin A/C

Omim ID: 115200, 150330, 151660, 159001, 176670, 181350, 248370, 275210, 277700, 604929, 605588, 607920, 608056

Gene Ontology: Hyperlink

Gene Summary: The nuclear lamina consists of a two-dimensional matrix of proteins located next to the inner nuclear membrane. The lamin family of proteins make up the matrix and are highly conserved in evolution. During mitosis, the lamina matrix is reversibly disassembled as the lamin proteins are phosphorylated. Lamin proteins are thought to be involved in nuclear stability, chromatin structure and gene expression. Vertebrate lamins consist of two types, A and B. Through alternate splicing, this gene encodes three type A lamin isoforms. Mutations in this gene lead to several diseases: Emery-Dreifuss muscular dystrophy, familial partial lipodystrophy, limb girdle muscular dystrophy, dilated cardiomyopathy, Charcot-Marie-Tooth disease, and Hutchinson-Gilford progeria syndrome. [provided by RefSeq

Other Designations: 70 kDa lamin,OTTHUMP00000015843,OTTHUMP00000015848

Gene Pathway

Arrhythmogenic right ventricular cardiomyopathy (ARVC)
Hypertrophic cardiomyopathy (HCM)

Related Disease

Aging, Premature Alzheimer Disease Alzheimer disease Arrhythmia Atherosclerosis Atherosclerosis Atrial Fibrillation Calcinosis Cardiomyopathy, Dilated Cardiovascular Diseases Cerebrovascular Disorders Charcot-Marie-Tooth Disease Cognition Cognition Disorders Coronary Artery Disease Death, Sudden Diabetes Mellitus, Type 2 Diabetic Nephropathies Edema

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