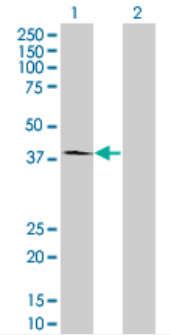
DNASE1 293T Cell Transient Overexpression Lysate(Denatured)

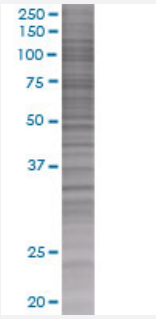
Catalog # H00001773-T01 Size 100 uL

Applications



Western Blot

Lane 1: DNASE1 transfected lysate (31.4 KDa)
Lane 2: Non-transfected lysate.



SDS-PAGE Gel

DNASE1 transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-DNASE1 full-length
Host	Human
Theoretical MW (kDa)	31.13
Quality Control Testing	Transient overexpression cell lysate was tested with Anti-DNASE1 antibody (H00001773-B01) by W estern Blots. Western Blot Lane 1: DNASE1 transfected lysate (31.4 KDa) Lane 2: Non-transfected lysate. SDS-PAGE Gel DNASE1 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 — DNASE1

Entrez GeneID	1773
GeneBank Accession#	NM_005223
Protein Accession#	NP_005214
Gene Name	DNASE1
Gene Alias	DKFZp686H0155, DNL1, DRNI, FLJ38093, FLJ44902
Gene Description	deoxyribonuclease I
Omim ID	125505 152700
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the DNase family. This protein is stored in the zymogen granules of the nuclear envelope and functions by cleaving DNA in an endonucleolytic manner. At least six autosomal codominant alleles have been characterized, DNASE1*1 through DNASE1*6, and the sequence of DNASE1*2 represented in this record. Mutations in this gene have been associated with systemic lupus erythematosus (SLE), an autoimmune disease. A recombinant form of this protein is used to treat the one of the symptoms of cystic fibrosis by hydrolyzing the extracellular DNA in sputum and reducing its viscosity. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized. [provided by RefSeq
Other Designations	DNase I, lysosomal|Dornase alfa|human urine deoxyribonuclease I

Disease

- Addison Disease
- Angina Pectoris

- Autoimmune Diseases
- Cardiovascular Diseases
- Diabetes Complications
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Graves Disease
- Hashimoto Disease
- Hypertension
- Lupus Erythematosus
- Myocardial Infarction
- Thyroid Diseases