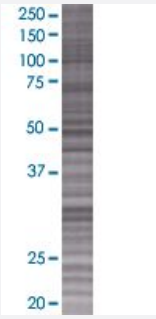
RNASE1 293T Cell Transient Overexpression Lysate(Denatured)

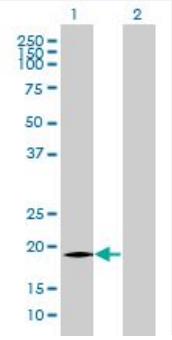
Catalog # H00006035-T01 Size 100 uL

Applications



SDS-PAGE Gel

RNASE1 transfected lysate.



Western Blot

Lane 1: RNASE1 transfected lysate (17.6 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-RNASE1 full-length
Host	Human
Theoretical MW (kDa)	17.6
Quality Control Testing	Transient overexpression cell lysate was tested with Anti-RNASE1 antibody (H00006035-B01) by W estern Blots. SDS-PAGE Gel RNASE1 transfected lysate. Western Blot Lane 1: RNASE1 transfected lysate (17.6 KDa) Lane 2: Non-transfected lysate.

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Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bro mophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — RNASE1

Entrez GeneID	6035
GeneBank Accession#	NM_002933.3
Protein Accession#	NP_002924.1
Gene Name	RNASE1
Gene Alias	MGC12408, RIB1, RNS1
Gene Description	ribonuclease, RNase A family, 1 (pancreatic)
Omim ID	180440
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the pancreatic-type of secretory ribonucleases, a subset of the ri bonuclease A superfamily. The encoded endonuclease cleaves internal phosphodiester RNA bon ds on the 3'-side of pyrimidine bases. It prefers poly(C) as a substrate and hydrolyzes 2',3'-cyclic nucleotides, with a pH optimum near 8.0. The encoded protein is monomeric and more commonly acts to degrade ds-RNA over ss-RNA. Alternative splicing occurs at this locus and four transcript variants encoding the same protein have been identified. [provided by RefSeq
Other Designations	RNase upI-1|pancreatic ribonuclease

Disease

- Colorectal Neoplasms
- Genetic Predisposition to Disease
- Neoplasm Metastasis

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- Prostate cancer
- Prostatic Neoplasms

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