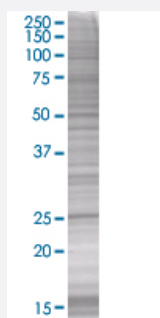


TIA1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00007072-T01

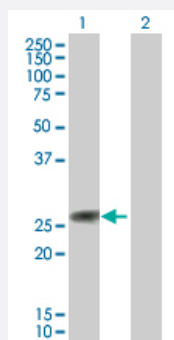
Size 100 uL

Applications



SDS-PAGE Gel

TIA1 transfected lysate



Western Blot

Lane 1: TIA1 transfected lysate (24.1 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-TIA1 full-length

Host Human

Theoretical MW (kDa) 24.1

Quality Control Testing Transient overexpression cell lysate was tested with Anti-TIA1 antibody ([H00007072-B01](#)) by Western Blots.
SDS-PAGE Gel
TIA1 transfected lysate
Western Blot
Lane 1: TIA1 transfected lysate (24.1 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.

Applications

- Western Blot

Gene Info — TIA1

Entrez GeneID	7072
GeneBank Accession#	BC015944
Protein Accession#	AAH15944
Gene Name	TIA1
Gene Alias	-
Gene Description	TIA1 cytotoxic granule-associated RNA binding protein
Omim ID	603518
Gene Ontology	Hyperlink
Gene Summary	The product encoded by this gene is a member of a RNA-binding protein family and possesses nucleolytic activity against cytotoxic lymphocyte (CTL) target cells. It has been suggested that this protein may be involved in the induction of apoptosis as it preferentially recognizes poly(A) homopolymers and induces DNA fragmentation in CTL targets. The major granule-associated species is a 15-kDa protein that is thought to be derived from the carboxyl terminus of the 40-kDa product by proteolytic processing. Alternative splicing resulting in different isoforms of this gene product has been described in the literature. [provided by RefSeq]
Other Designations	T-cell-restricted intracellular antigen-1 TIA1 cytotoxic granule-associated RNA-binding protein TIA1 protein cytotoxic granule-associated RNA-binding protein nucleolysin TIA-1 isoform p40 p40-TIA-1 (containing p15-TIA-1)