

Recombinant Human TIA1 cell lysate

Cat. No. TIA1-1778HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	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.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	TIA1 TIA1 cytotoxic granule-associated RNA binding protein [Homo sapiens]
Official Symbol	TIA1

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Synonyms	TIA1; TIA1 cytotoxic granule-associated RNA binding protein; TIA1 cytotoxic granule associated RNA binding protein; nucleolysin TIA-1 isoform p40; nucleolysin TIA 1 isoform p40; T cell restricted intracellular antigen 1; p40-TIA-1 (containing p15-TIA-1); T-cell-restricted intracellular antigen-1; TIA-1;
Gene ID	7072
mRNA Refseq	NM_022037
Protein Refseq	NP_071320
MIM	603518
UniProt ID	P31483
Chromosome Location	2p13
Function	AU-rich element binding; nucleic acid binding; nucleotide binding; poly(A) RNA binding; protein binding;