



Human TIA1 peptide (DAG-P2019)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Sequence Similarities	Contains 3 RRM (RNA recognition motif) domains.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	TIA1 TIA1 cytotoxic granule-associated RNA binding protein [Homo sapiens (human)]
Official Symbol	TIA1
Synonyms	TIA1; TIA1 cytotoxic granule-associated RNA binding protein; WDM; TIA-1; nucleolysin TIA-1 isoform p40; p40-TIA-1 (containing p15-TIA-1); T-cell-restricted intracellular antigen-1;
Entrez Gene ID	7072
mRNA Refseq	NM_022037.2

Protein Refseq	NP_071320.2
UniProt ID	P31483
Chromosome Location	2p13
Function	AU-rich element binding; nucleotide binding; poly(A) RNA binding; poly(A) binding; protein binding;