



Human TRAT1 peptide (DAG-P1212)

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

PRODUCT INFORMATION

Antigen Description	Stabilizes the TCR (T-cell antigen receptor)/CD3 complex at the surface of T-cells.
Specificity	Strongly expressed in thymus, and to a lesser extent in spleen, lymph node and peripheral blood lymphocytes. Present in T-cells and NK cells, but not B-cells (at protein level).
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
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	TRAT1 T cell receptor associated transmembrane adaptor 1 [Homo sapiens (human)]
Official Symbol	TRAT1
Synonyms	TRAT1; T cell receptor associated transmembrane adaptor 1; TRIM; TCRIM; HSPC062; T-cell receptor-associated transmembrane adapter 1; pp29/30; T cell receptor interacting molecule; T-cell receptor interacting molecule; T-cell receptor-interacting molecule;
Entrez Gene ID	50852
mRNA Refseq	NM_016388.2
Protein Refseq	NP_057472.2

UniProt ID	Q6PIZ9
Chromosome Location	3q13
Pathway	Adaptive Immune System, organism-specific biosystem; Constitutive PI3K/AKT Signaling in Cancer, organism-specific biosystem; DAP12 interactions, organism-specific biosystem; DAP12 signaling, organism-specific biosystem; Disease, organism-specific biosystem; Downstream Signaling Events Of B Cell Receptor (BCR), organism-specific biosystem; Downstream TCR signaling, organism-specific biosystem; Downstream signal transduction, organism-specific biosystem; Downstream signaling of activated FGFR, org
Function	transmembrane receptor protein tyrosine kinase adaptor activity;