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Datasheet for ABIN7319070 TRIM Protein (His tag)

Background:



Overview	
Quantity:	50 µg
Target:	TRIM (TRAT1)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This TRIM protein is labelled with His tag.
Product Details	
Purpose:	Recombinant Human TRIM/TRAT1 Protein (His Tag)
Sequence:	Asn29-Asn186
Characteristics:	Recombinant Human T Cell Receptor Interacting Molecule is produced by our E.coli expression system and the target gene encoding Asn29-Asn186 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per μ g as determined by the LAL method.
Target Details	
Target:	TRIM (TRAT1)
Alternative Name:	TRIM/TRAT1 (TRAT1 Products)

Background: T-Cell Receptor-Associated Transmembrane Adapter 1 (TRAT1) is a single-pass

type III membrane protein. TRAT1 exists as a disulfide-linked homodimer and is strongly

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	expressed in the thymus, and to a lesser extent in the spleen, lymph node, and peripheral blood
	lymphocytes. TRAT1 is phosphorylated on tyrosines by LCK or FYN upon TCR activation. Its
	function is to stabilizes the TCR (T-cell antigen receptor)/CD3 complex at the surface of T-cells.
	Synonym: T-Cell Receptor-Associated Transmembrane Adapter 1, T-Cell Receptor-Interacting
	Molecule, TRIM, pp29/30, TRAT1, TCRIM, HSPC062
Molecular Weight:	19.4 kDa
UniProt:	Q6PIZ9
Pathways:	TCR Signaling, Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin
	Signaling Pathway
Application Details	
Application Details Restrictions:	For Research Use only
	For Research Use only
	For Research Use only
Restrictions:	For Research Use only Frozen, Liquid
Restrictions: Handling	
Restrictions: Handling Format:	Frozen, Liquid