

Recombinant Human TRAT1, His-tagged

Cat. No. TRAT1-3398H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TRAT1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	30-186aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	TRAT1 T cell receptor associated transmembrane adaptor 1 [Homo sapiens]
Official Symbol	TRAT1
Synonyms	TRAT1; T cell receptor associated transmembrane adaptor 1; T cell receptor interacting molecule , TCRIM; T-cell receptor-associated transmembrane adapter 1; HSPC062; TRIM; pp29/30; T cell receptor interacting molecule; T-cell receptor interacting molecule; T-cell receptor-interacting molecule; TCRIM;

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Gene ID	50852
mRNA Refseq	NM_016388
Protein Refseq	NP_057472
MIM	604962
UniProt ID	Q6PIZ9
Chromosome Location	3q13
Pathway	Adaptive Immune System, organism-specific biosystem; Downstream TCR signaling, organism-specific biosystem; Immune System, organism-specific biosystem; T Cell Receptor Signaling Pathway, organism-specific biosystem; TCR signaling, organism-specific biosys
Function	phosphatidylinositol-4,5-bisphosphate 3-kinase activity; transmembrane receptor protein tyrosine kinase adaptor activity;