

**32-8136: Recombinant Human T Cell Receptor Interacting Molecule/TRIM/TCRIM/TRAT1 (C-6His)**

**Gene :** TRAT1  
**Gene ID :** 50852  
**Uniprot ID :** Q6PIZ9

**Description**

Source: E. coli.

MW :19.4kD.

Recombinant Human TRIM 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. 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 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 stabilize the TCR (T-cell antigen receptor)/CD3 complex at the surface of T-cells.

**Product Info**

**Amount :** 10 µg / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of 20mM PB,150mM NaCl,10% Glycerol,pH7.4.  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** MNISHYVEKQRQDKMYSYSSDHTRVDEYYIEDTPIYGNLDDMISEPMDENCYEQMKARPEKSVNKMQEATPSA  
QATNETQMCYASLDHSVKGKRRKPRKQNTHFSDKDGDEQLHAIDASVSKTTLVDSFSPESQAVEENIHDDPIR  
LFGLIRAKREPINLEHHHHHH

**Application Note**

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.