

Recombinant Human T Cell Receptor Interacting Molecule/TRIM/TCRIM/TRAT1 Protein(C-6His)

Cat.NO.: TP05716

3th Edition

Synonyms:T-Cell Receptor-Associated Transmembrane Adapter 1; T-Cell Receptor-Interacting Molecule; TRIM; pp29/30; TRAT1; TCRIM; HSPC062

Description: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.

Form:PBS

Molecular Weight:19.4 kDa

Sequences:Asn29-Asn186

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.