

Product Name: Recombinant Human TRIM (C-6His)
Catalog #: PEH1725

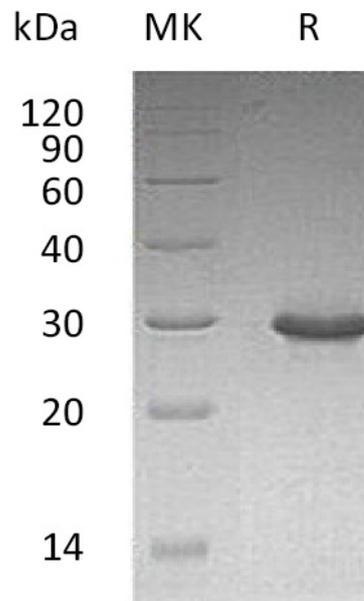


Summary

Name	TRIM/TCRIM
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	Q6PIZ9
Host	E.coli
Species	Human
Predicted Molecular Mass	19.4 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, 1mM EDTA, 20% Glycerol, pH8.0.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image

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Alternative Names

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

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 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.

Note

For Research Use Only , Not for Diagnostic Use.