

Recombinant Human TRIM/TRAT1 Protein (His Tag)

Catalog Number:PKSH033097



Note: Centrifuge before opening to ensure complete recovery of vial contents.

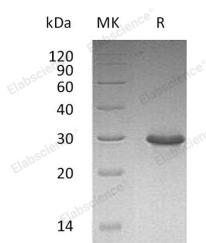
Description

Synonyms	T-Cell Receptor-Associated Transmembrane Adapter 1;T-Cell Receptor-Interacting Molecule;TRIM;pp29/30;TRAT1;TCRIM;HSPC062
Species	Human
Expression Host	E.coli
Sequence	Asn29-Asn186
Accession	Q6PIZ9
Calculated Molecular Weight	19.4 kDa
Observed molecular weight	30 kDa
Tag	C-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μ g of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.
Formulation	Supplied as a 0.2 μ m filtered solution of 20mM Tris-HCl, 150mM NaCl, 1mM EDTA, 20% Glycerol, pH8.0.
Reconstitution	Not Applicable

Data



> 95 % as determined by reducing SDS-PAGE.

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.

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