

## TRIM21 Protein, Human, Recombinant (His) V2

## General Information

Synonyms: RNF81;RO52;SSA;SSA1;Ro/SSA;tripartite motif containing 21

Protein Construction: 1-475 aa

Species: Human

Expression Host: Baculovirus Insect Cells

Accession: P19474

Molecular Weight: 57.7 kDa (Predicted)

AA Sequence: MASAA RL TMMWEEVTCPICLDPFVEPVSI ECGHSFCQECISQV GKG GGSVCPVCRQRFL LKNLRPNRQLANM  
VNNLKEISQEAREGTQGERCAVHGERLHLFCEKDGKALCWVCAQSRKHRDHAMVPLEEAAQEYQEKLQVAL  
GELRRKQELAEKLEVEIAIKRADWKKTVETQKSRIHAEFVQQKNFLVEEQRLQEQLEKDEREQLRILGEKEAK  
LAQQSQALQELISELDRRCHSSALELLQEVIIVLSESWNLKDL DITSPELRSVCHVPGLKKMLR TCAVHITLD  
PDTANPWLILSEDRRQVRLGDTQQSIPGNEERFDSYPMVLGAQH FHSGKHYWEVDVTGKEAWDLGVC RDS  
VRRKGHFLSSKSGFWTIWLWNKQKYEAGTYPQTPLHLQVPPCQVGIFLDYEAGMVSFYNITDHGSLIYSFSE  
CAFTGPLRPFSPGFNDGGKNTAPLTL CPLNIGSQGSTDY

## QC Testing

Biological Activity: Activity has not been tested. It is theoretically active, but we cannot guarantee it.

Purity: > 90% as determined by SDS-PAGE

Endotoxin: < 1.0 EU/ $\mu$ g of the protein as determined by the LAL method.

Formulation: If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.  
If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.

## Preparation and Storage

## Reconstitution:

Reconstitute the lyophilized protein in sterile deionized water. The product concentration should not be less than 100  $\mu$ g/mL. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

## Stability &amp; Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

*Actual storage temperature shall be subject to the COA.*

## Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

**Protein Background**

E3 ubiquitin-protein ligase whose activity is dependent on E2 enzymes, UBE2D1, UBE2D2, UBE2E1 and UBE2E2. Forms a ubiquitin ligase complex in cooperation with the E2 UBE2D2 that is used not only for the ubiquitination of USP4 and IKBKB but also for its self-ubiquitination.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481