

E3 ubiquitin-protein ligase TRIM21 Recombinant Protein | RO52 recombinant protein

Recombinant Homo sapiens E3 ubiquitin-protein ligase TRIM21

CATALOG # AAA309787	HOST Yeast
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PRODUCT SYNONYMS

E3 ubiquitin-protein ligase TRIM21; Recombinant Homo sapiens E3 ubiquitin-protein ligase TRIM21; 52 kDa Ro protein; 52 kDa ribonucleoprotein auto; antigen Ro/SS-ARING finger protein 81Ro (SS-A); Sjogren syndrome type A antigen; SS-A; Tripartite motif-containing protein 21; RO52 recombinant protein

PRODUCT SPECIFICATIONS

Host	Yeast
Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	Tris-based buffer 50% glycerol
Sequence Positions	1-475aa, Full Length
Sequence	MASAA RL TMM WEEV T C P I C L D P F V E P V S I E C G H S F C Q E C I S Q V G K G G G S V C P V C R Q R F L L K N L R P N R Q L A N M V N N L K E I S Q E A R E G T Q G E R C A V H G E R L H L F C E K D G K A L C W V C A Q S R K H R D H A M V P L E E A A Q E Y Q E K L Q V A L G E L R R K Q E L A E K L E V E I A I K R A D W K K T V E T Q K S R I H A E F V Q Q K N F L V E E E Q R Q L Q E L E K D E R E Q L R I L G E K E A K L A Q Q S Q A L Q E L I S E L D R R C H S S A L E L L Q E V I I V L E R S E S W N L K L D I T S P E L R S V C H V P G L K K M L R T C A V H I T L D P D T A N P W L I L S E D R R Q V R L G D T Q Q S I P G N E E R F D S Y P M V L G A Q H F H S G K H Y W E V D V T G K E A W D L G V C R D S V R R K G H F L L S S K S G F W T I W L W N K Q K Y E A G T Y P Q T P L H L Q V P P C Q V G I F L D Y E A G M V S F Y N I T D H G S L I Y S F S E C A F T G P L R P F F S P G F N D G G K N T A P L T L C P L N I G S Q G S T D Y
Tag Info	N-Terminal 6xHis-tagged
Preparation and Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C, -80°C. The shelf life of lyophilized form is 12 months at -20°C, -80°C. Notes: Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

ADDITIONAL INFORMATION

Related Product Information for RO52 recombinant protein	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. Component of cullin-RING-based SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complexes such as SCF (SKP2)-like complexes. A TRIM21-containing SCF (SKP2)-like complex is shown to mediate ubiquitination of CDKN1B ('Thr-187' phosphorylated-form), thereby promoting its degradation by the proteasome. Monoubiquitinates IKBKB that will negatively regulates Tax-induced NF-kappa-B signaling. Negatively regulates IFN-beta production post-pathogen recognition by polyubiquitin-mediated degradation of IRF3. Mediates the ubiquitin-mediated proteasomal degradation of IgG1 heavy chain, which is linked to the VCP-mediated ER-associated degradation (ERAD) pathway. Promotes IRF8 ubiquitination, which enhanced the ability of IRF8 to stimulate cytokine genes transcription in macrophages. Plays a role in the regulation of the cell cycle progression. Enhances the decapping activity of DCP2. Exists as a ribonucleoprotein particle present in all mammalian cells studied and composed of a single polypeptide and one of four small RNA molecules. At least two isoforms are present in nucleated and red blood cells, and tissue specific differences in RO/SSA proteins have been identified. The common feature of these proteins is their ability to bind HY RNAs.2
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15208660
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NCBI GeneID	6737
NCBI Accession #	NP_003132.2
NCBI GenBank Nucleotide #	NM_003141.3
UniProt Accession #	P19474; Q5XPV5; Q96RF8
Molecular Weight	56.2 kDa
NCBI Official Full Name	E3 ubiquitin-protein ligase TRIM21
NCBI Official Synonym Full Names	tripartite motif containing 21
NCBI Official Symbol	TRIM21
NCBI Official Synonym Symbols	SSA; RO52; SSA1; RNF81; Ro/SSA
NCBI Protein Information	E3 ubiquitin-protein ligase TRIM21
UniProt Protein Name	E3 ubiquitin-protein ligase TRIM21
UniProt Gene Name	TRIM21
UniProt Synonym Gene Names	RNF81; RO52; SSA1; SS-A

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/trim21-recombinant-protein-yeast/309787>