

Recombinant Full Length Human TRIM21 Protein, GST-tagged

Cat. No. TRIM21-537HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human TRIM21 full-length ORF (1 a.a. - 475 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	475 amino acids
Description	This gene encodes a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. The encoded protein is part of the RoSSA ribonucleoprotein, which includes a single polypeptide and one of four small RNA molecules. The RoSSA particle localizes to both the cytoplasm and the nucleus. RoSSA interacts with autoantigens in patients with Sjogren syndrome and systemic lupus erythematosus. Alternatively spliced transcript variants for this gene have been described but the full-length nature of only one has been determined.
Molecular Mass	77.99 kDa
AA Sequence	MASAARLTMM WEEVTCPICL DPFVEPVSIE CGHSFCQECI SQVGKGGGSV CPVCRQRFLN KNLRPNRQLA NMVNNLKEIS QEAREGTQGE RCAVHGERLH LFCEKDGKAL CWVCAQSRKH RDHAMVPLEE AAQEYQEKLQ VALGELRRKQ ELAEKLEVEI AIKRADWKKT VETQKSRIHA EFVQQKNFLV EEEQRQLQEL EKDEREQLRI LGEKEAKLAQ QSQALQELIS ELDRRCHSSA LELLQEVIV

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LERSESWNLK DLDITSPELR SVCHVPGLKK MLRTCAVHIT LDPDTANPWL
 ILSEDRRQVR LGDTQQSIPG NEERFDSYPM VLGAQHFHSG KHYWEVDVTG
 KEAWDLGVCR DSVRRKGHFL LSSKSGFWTI WLWNKQKYEA GTYPQTPLHL
 QVPPCQVGIF LDYEAGMVSF YNITDHGSLI YSFSECAFTG PLRPFFSPGF
 NDGGKNTAPL TLCPLNIGSQ GSTDY

Applications ELISA; WB-Re; AP; Array

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [TRIM21 tripartite motif containing 21 \[Homo sapiens \(human\) \]](#)

Official Symbol [TRIM21](#)

Synonyms TRIM21; SSA; RO52; SSA1; RNF81; tripartite motif containing 21; E3 ubiquitin-protein ligase TRIM21; SS-A; ro(SS-A); 52 kDa Ro protein; RING finger protein 81; Sicca syndrome antigen A; tripartite motif-containing 21; sjogren syndrome type A antigen; tripartite motif-containing protein 21; 52 kDa ribonucleoprotein autoantigen Ro/SS-A; Sjogren syndrome antigen A1 (52kDa, ribonucleoprotein autoantigen SS-A/Ro)

Gene ID [6737](#)

mRNA Refseq [NM_003141](#)

Protein Refseq [NP_003132](#)

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MIM	109092
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UniProt ID	P19474
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