

Recombinant Full Length Human TRIM21 protein, N-His-tagged

Cat. No. TRIM21-564H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human full length TRIM21 was expressed in E.coli with N-terminal his tag.
Species	Human
Source	E.coli
ProteinLength	1-475 a.a.
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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	56.17kDa
AA Sequence	MASAARLTMMWEEVTCPICLDPFVEPVSIIECGHSFCQECISQVGKGGGSVCPVCRQ RFLKLNLRPNRQLANMVNNLKEISQEAREGTQGERCAVHGERLHLFCEKDGKALC WVCAQSRKHRDHAMVPLEEAAQEYQEKLQVALGELRRKQELAIEKLEVEIAIKRADW

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KKTVETQKSRIHAEFVQQKNFLVEEEQRQLQELEKDEREQLRILGEKEAKLAQQSQA
 LQELISELDRRCHSSALELLQEVIIVLERSESWNLDLDITSPELRSVCHVPGLKKMLR
 TCAVHITLDPDTANPWLILSEDRRQVRLGDTQQSIPGNEERFDSYPMVLGAQHFS
 GKHYWEVDVTGKEAWDLGVCRDSVRRKGHFLSSKSGFWTIWLWNKQKYEAGTY
 PQTPLHLQVPPCQVGIFLDYEAGMVSYFNITDHGSLIYSFSECAFTGPLRPFFSPGFN
 DGGKNTAPLTLCLNIGSQGSTDY

Purity	>85% (SDS-PAGE)
Stability	Store working aliquots at 4 centigrade for up to one week.
Storage	Store at -20 centigrade or -80 centigrade.
Full Length	Full L.

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
MIM	109092
UniProt ID	P19474

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