



# Recombinant Human E3 ubiquitin-protein ligase TRIM21 (TRIM21)

<b>Product Code</b>	CSB-MP024457HU
<b>Storage</b>	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.
<b>Uniprot No.</b>	P19474
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MASAARLTMM WEEVTCPICL DPFVEPVSIE CGHSFCQECI SQVGKGGGSV CPVCRQRFL KNLRPNRQLA NMVNNLKEIS QEAREGTQGE RCAVHGERLH LFCEKDGKAL CWVCAQSRKH RDHAMVPLEE AAQEYQEKLQ VALGELRRKQ ELAEKLEVEI AIKRADWKKT VETQKSRIHA EFVQQKNFLV EEEQRQLQEL EKDEREQLRI LGEKEAKLAQ QSQUALQELIS ELDRRCHSSA LELLQEVIIV LERSESWNLK DLDITSPELR SVCHVPGLKK MLRTCAVHIT LDPDTANPWL ILSEDRRQVR LGDTQQSIPG NEERFDSYPM VLGAQHFSHG KHYWEVDVTG KEAWDLGVCR DSVRRKGFHL LSSKSGFWTI WLWNKQKYEA GTYPQTPLHL QVPPCQVGIF LDYEAGMVSF YNITDHGSLI YSFSECAFTG PLRPFSPGF NDGGKNTAPL TLCPLNIGSQ GSTDY
<b>Source</b>	Mammalian cell
<b>Target Names</b>	TRIM21
<b>Protein Names</b>	Recommended name: E3 ubiquitin-protein ligase TRIM21 EC= 6.3.2.- Alternative name(s): 52 kDa Ro protein 52 kDa ribonucleoprotein autoantigen Ro/SS-A RING finger protein 81 Ro(SS-A) Sjogren syndrome type A antigen Short
<b>Expression Region</b>	1-475
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4? for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	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.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

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