

Product datasheet for **TP302088L**

TRIM21 (NM_003141) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human tripartite motif-containing 21 (TRIM21), 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone >RC202088 protein sequence

or AA Sequence: **Red**=Cloning site **Green**=Tags(s)

MASAARLTMMWEEVTCPICLDPFVPEVPSIECGHSFCQECISQVKGKGGGSVCPVCRQRFLLKNLRPNRQLA
NMVNNLKEISQEAREGTQGERCAVHGERLHLFCCKDGKALCWVCAQSRKHRDHAMVPLEEAAQEYQEKLQ
VALGELRRKQELAEKLEVEIAIKRADWKKTVETQKSRIHAEFVQQKNFLVEEQRLQLELEKDEREQLRI
LGEKEAKLAQQSQALQELISELDRRCHSSALELLQEVIVLSESWNLKDLDTSPELRSVCHVPLGKK
MLRTCAVHITLDPDTANPWLILSEDRRQVRLGDTQQSIPGNEERFDSYPMVLGAQHFHSGKHYYEVDVTG
KEAWDLGVCRDSVRRKGFHLLSSKSGFWTIWLWNKQKYEAGTYPQTPHLQVPPCQVGIFLDYEAGMVSF
YNITDHGSLIYSFSECAFTGPLRPFSPGFNDGGKNTAPLTLCLNIGSQGSTDY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 54 kDa

Concentration: >0.1 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_003132](#)



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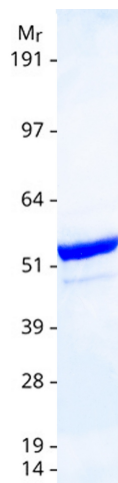
Locus ID: 6737
UniProt ID: [P19474](#)
RefSeq Size: 1946
Cytogenetics: 11p15.4
RefSeq ORF: 1425
Synonyms: RNF81; Ro/SSA; RO52; SSA; SSA1

Summary: 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. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome

Protein Pathways: Systemic lupus erythematosus

Product images:



Coomassie blue staining of purified TRIM21 protein (Cat# [TP302088]). The protein was produced from HEK293T cells transfected with TRIM21 cDNA clone (Cat# [RC202088]) using MegaTran 2.0 (Cat# [TT210002]).