

## Product datasheet for PH302088

### TRIM21 (NM\_003141) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	TRIM21 MS Standard C13 and N15-labeled recombinant protein (NP_003132)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202088
Predicted MW:	54.2 kDa
Protein Sequence:	>RC202088 protein sequence Red=Cloning site Green=Tags(s)

MASAARLTMMWEEVTCPICLDPFVPEVSIIECGHSFCQECISQVGKGGGSVCPVCRQRFLKLNLRPNRQLA  
NMVNNLKEISQEAREGTQGERCAVHGERLHLFCEKDGKALCWVCAQSRKHRDHAMVPLEEAAQEYQEKLQ  
VALGELRRKQELAEKLEVEIAIKRADWKKTVETQKSRIHAEFVQKQNFLEVEEQRLQELKDEREQLRI  
LGEKEAKLAQQSQALQELISELDRRCHSSALELLQEVIIVLERSESWNLKDLDTSPELRSVCHVPGLKK  
MLRTCAVHITLDPDTANPWLILSEDRRQVRLGDTQQSIPGNEERFDSYPMVLGAQHFHSGKHWEVDVTG  
KEAWDLGVCRDVRRKGFLLSSKSGFWTIWLNKQKYEAGTYPQTPHLHLQVPPCQVGFILDYEAGMVSF  
YNIIDHGSLIYSFSECAFTGPLRPFFSPGFNDGGKNTAPLTLCPNLIGSQGSTDY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_003132</u>
RefSeq Size:	1946
RefSeq ORF:	1425
Synonyms:	RNF81; Ro/SSA; RO52; SSA; SSA1



[View online »](#)

Locus ID: 6737  
UniProt ID: [P19474](#)  
Cytogenetics: 11p15.4

**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]).