

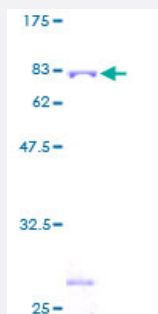
Full-Length

TRIM21 (Human) Recombinant Protein (P01)

Catalog # H00006737-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human TRIM21 full-length ORF (AAH10861, 1 a.a. - 475 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MASAARLTMMWEEVTCPICLDPFVEPVSIIECGHSFCQECISQVGKGGGSVCPVCRQRFLKLNLR
PNRQLANMVNNLKEISQEAREGTQGERCAVHGERLHLFCEKDGKALCWVCAQSRKHRDHAMV
PLEEAAQEYQEKQLQVALGELRRKQELAEKLEVEIAIKRADWKKTVETQKSRIHAEFVQQKNFLVE
EEQRQLQELEKDEREQLRILGEKEAKLAQQSQALQELISELDRRCHSSALELLQEVIMLERSSESW
NLKDLDTISPELRSVCHVPGLKKMLRTCAVHITLDPDTANPWILSED RRQVRLGDTQQSIPGNEE
RFDSYPMVLGAQHFGHSGKHYWEVDVTGKEAWDLGVC RD SVRRKGHFLSSKSGFWTWLWNK
QKYEAGTYPQTPLHLQVPPCQVGIFLDYEAGMVSFYNITDHGSLYSFSECAFTGPLRPFFSPGFN
DGGKNTAPLTLCPLNIGSQGSTDY

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

77.99

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

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

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — TRIM21

Entrez GeneID[6737](#)**GeneBank Accession#**[BC010861](#)**Protein Accession#**[AAH10861](#)**Gene Name**

TRIM21

Gene Alias

RNF81, RO52, SSA, SSA1

Gene Description

tripartite motif-containing 21

Omim ID[109092](#)**Gene Ontology**[Hyperlink](#)**Gene 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]

Other Designations

Sicca syndrome antigen A|Sjogren syndrome antigen A1 (52kDa, ribonucleoprotein autoantigen SS-A/Ro)|tripartite motif protein 21

Pathway

- [Systemic lupus erythematosus](#)

Disease

- [Anemia](#)
- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Ovarian Neoplasms](#)