TRIM21 Protein, Human (P.pastoris, His)

Cat. No.:	HY-P71791
Synonyms:	52kDa ribonucleoprotein autoantigen Ro/SS-A; SS-A; SSA; TRIM21; Tripartite motif protein TRIM21; Tripartite motif-containing 21; Tripartite motif-containing protein 21
Species:	Human
Source:	P. pastoris
Accession:	P19474 (1M-475Y)
Gene ID:	6737
Molecular Weight:	Approximately 56.2 kDa

PROPERTIES

AA Sequence	MASAARLTMM WEEVTCPICL DPFVEPVSIE CGHSFCQECI SQVGKGGGSV CPVCRQRFLL KNLRPNRQLA NMVNNLKEIS QEAREGTQGE RCAVHGERLH LFCEKDGKAL CWVCAQSRKH RDHAMVPLEE AAQEYQEKLQ VALGELRRKQ ELAEKLEVEI AIKRADWKKT VETQKSRIHA EFVQQKNFLV EEEQRQLQEL EKDEREQLRI LGEKEAKLAQ QSQALQELIS ELDRRCHSSA LELLQEVIIV LERSESWNLK DLDITSPELR SVCHVPGLKK MLRTCAVHIT LDPDTANPWL ILSEDRRQVR LGDTQQSIPG NEERFDSYPM VLGAQHFHSG KHYWEVDVTG KEAWDLGVCR DSVRRKGHFL LSSKSGFWTI WLWNKQKYEA GTYPQTPLHL QVPPCQVGIF LDYEAGMVSF YNITDHGSLI YSFSECAFTG PLRPFFSPGF NDGGKNTAPL TLCPLNIGSQ GSTDY
Appearance	Lyophilized powder
Formulation	Lyophilized after extensive dialysis against solution in 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH_2O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	The protein being described is involved in various cellular processes and pathways. It is linked to the VCP-mediated ERAD

	pathway, which is responsible for eliminating misfolded proteins in the endoplasmic reticulum. It promotes the ubiquitination of IRF8, enhancing its ability to stimulate the transcription of cytokine genes in macrophages. It also plays a role in regulating cell cycle progression.

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