

Recombinant Full Length Human TRIM24 Protein, GST-tagged

Cat. No. TRIM24-590HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human TRIM24(1 a.a. - 1050 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	1050 amino acids
Description	The protein encoded by this gene mediates transcriptional control by interaction with the activation function 2 (AF2) region of several nuclear receptors, including the estrogen, retinoic acid, and vitamin D3 receptors. The protein localizes to nuclear bodies and is thought to associate with chromatin and heterochromatin-associated factors. The protein is 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. Two alternatively spliced transcript variants encoding different isoforms have been described for this gene.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	143.2 kDa
AA Sequence	MEVAVEKAVA AAAAASAAAS GGPSAAPSGE NEAESRQGPD SERGGEAARL NLLDTCVACH QNIQSRAPKL LPCLHSFCQR CLPAPQRYLM LPAPMLGSAE TPPPVPAPGS PVSGSSPFAT QVGVIRCPVC SQECAERHII DNFFVKDTTE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

VPSSTVEKSN QVCTSCEDNA EANGFCVECV EWLCKTCIRA HQRVKFTKDH
 TVRQKEEVSP EAVGVTSQRP VFPCFHKKEQ LKLYCETCDK LTCRDCQLE
 HKEHRYQFIE EAFQNQKVII DTLITKLMEK TKYIKFTGNQ IQNRIIEVNQ
 NQKQVEQDIK VAIFTLMVEI NKKGKALLHQ LESLAKDHRM KLMQQQQEVA
 GLSKQLEHVM HFSKWAVSSG SSTALLYSKR LITYRLRHLL RARCDASPT
 NNTIQFHCDP SFWAQNIINL GSLVIEDKES QPQMPKQNPV VEQNSQPPSG
 LSSNQLSKFP TQISLAQLRL QHMQQQVMAQ RQQVQRRPAP VGLPNPRMQG
 PIQQPSISHQ QPPPRLINQ NHSPKPNGPV LPPHPQQLRY PPNQNIPRQA
 IKPNPLQMAF LAQQAIKWQ ISSGQGTPST TNSTSSTPSS PTITSAAGYD
 GKAFGSPMID LSSPVGGSYN LPSLPDIDCS STIMLDNIVR KDTNIDHGQP
 RPPSNRTVQS PNSSVPSPGL AGPVTMTSVH PPIRSPSASS VGSRGSSGSS
 SKPAGADSTH KVPVVMLEPI RIKQENSGPP ENYDFPVVIV KQESDEESRP
 QNANYPRSIL TSLLLNSSQS STSEETVLRS DAPDSTGDQP GLHQDNSSNG
 KSEWLDPSQK SPLHVGETRK EDDPNEDWCA VCQNGGELLK CEKCPKVFHL
 SCHVPTLTNF PSGEWICTFC RDLSKPEVEY DCDAPSHNSE KKKTEGLVKL
 TPIDKRKCER LLLFLYCHEM SLAFQDPVPL TVPDYYKIIK NPMDLSTIKK
 RLQEDYSMYS KPEDFVADFR LIFQNCAEFN EPDSEVANAG IKLENYFEEL
 LKNLYPEKRF PKPEFRNESE DNKFSDDSD DDVQPRKKRL KSIEERQLLK

Applications

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

Storage

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

GENE INFORMATION
Gene Name

TRIM24 tripartite motif containing 24 [Homo sapiens]

Official Symbol

TRIM24

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Synonyms	TRIM24; tripartite motif containing 24; TIF1, transcriptional intermediary factor 1 , tripartite motif containing 24; transcription intermediary factor 1-alpha; hTIF1; RNF82; TIF1A; Tif1a; TIF1-alpha; RING finger protein 82; tripartite motif-containing 24; E3 ubiquitin-protein ligase TRIM24; transcriptional intermediary factor 1; PTC6; TF1A; TIF1; TIF1ALPHA
Gene ID	8805
mRNA Refseq	NM_015905
Protein Refseq	NP_056989
MIM	603406
UniProt ID	O15164