

Recombinant Human TRIM24 protein, GST-tagged

Cat. No. TRIM24-315H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TRIM24(1 a.a. - 1050 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	1-1050 a.a.
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	MEVAVEKAVAAAAAASAAASGGPSAAPSGENEAESRQGPDSERGGEAARLNLLDT CAVCHQNIQSRAPKLLPCLH SFCQRCLPAPQRYLMLPAPMLGSAETPPPVPAPGSP VSGSSPFATQVG VIRCPVCSQECAERHIIDNFFVKDTTE VPSSTVEKSNQVCTSCED

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NAEANGFCVECVEWLCKTCIRAHQVRKFTKDHTVRQKEEVSPEAVGVTSQRPVFC
 PF HKKEQLKLYCETCDKLTCDRCQLEHKEHRYQFIEEAFQNQKVIIDTLITKLMEKT
 KYIKFTGNQIQNRRIEVNQ NQKQVEQDIKVAIFTLMVEINKKGKALLHQLESKADHR
 MKLMQQQQEVAGLSKQLEHVMHFSKWAVSSGSSTAL LYSKRLITYRLRHLLRARC
 DASPVTNNTIQFHCDPSFWAQNIINLGSLVIEDKESQPQMPKQNPVVEQNSQPPSG
 LSSNQLSKFPTQISLAQLRLQHMQQQVMAQRQQVQRRPAPVGLPNPRMQGPIQQP
 SISHQQPPRLINFQNHSPK PNGPVLPPHPQQLRYPPNQNIQRQAIPNPLQMAFLA
 QQAIKQWQISSGQGTPTSTNSTSTPSSPTITSAAGYD GKAFGSPMIDLSSPVGGS
 YNLPSLPDIDCSSTIMLDNIVRKDTNIDHGQPRPPSNRTVQSPNSSVSPGLAGPVT
 MTSVHPPIRSPSASSVGSRGSSGSSSKPAGADSTHKVPVVMLEPIRIKQENSGPPE
 NYDFPVVIVKQESDEESRP QNANYPRSILTSLLLNSSQSSTSEETVLRSDAPDSTGD
 QPGLHQDNSSNGKSEWLDPSQKSPLHVGETRKEDDPN EDWCAVCQNGGELLCC
 EKCPKVFHLSCHVPTLTNFPSGEWICTFCRDLSKPEVEYDCDAPSHNSEKKKTEGL
 VKL TPIDKRKCERLLLFLYCHEMSLAFQDPVPLTVPDYKIIKNPMDLSTIKRLQEDY
 SMYSKPEDFVADFRLIFQN CAEFNEPDSEVANAGIKLENYFEELLKNLYPEKRFPKP
 EFRNESEDNKFSDDDSDDDFVQPRKKRLKSIEERQLLK

Applications

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

Notes

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

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
Chromosome Location	7q32-q34
Pathway	Regulation of Androgen receptor activity, organism-specific biosystem;
Function	chromatin binding; estrogen response element binding; histone acetyl-lysine binding; ligand-dependent nuclear receptor binding; ligase activity; metal ion binding; NOT methylated histone residue binding; p53 binding; protein binding; protein kinase activity; receptor binding; sequence-specific DNA binding; transcription coactivator activity; ubiquitin-protein ligase activity; zinc ion binding;