

Recombinant Human TRIM24 protein, GST-tagged

Cat. No. TRIM24-316H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TRIM24(432 a.a. - 569 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	432-569 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	40.81 kDa
AA Sequence	PQMPKQNPVVEQNSQPPSGLSSNQLSKFPTQISLAQLRLQHMQQQVMAQRQQVQ RRPAPVGLPNPRMQGPQQPS ISHQPPPRLLNFQNHSPKPNGPVLPPHPQQLRYP PNQNIQRQAIPNPLQMAFLAQQAQKQW

 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

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
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

 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

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;

 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