

Recombinant Human TRIM24 Protein (891-1012 aa), His-tagged

Cat. No. TRIM24-1546H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TRIM24 Protein (891-1012 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Epigenetics and Nuclear Signaling. Protein Description: Partial.
Species	Human
Source	Yeast
ProteinLength	891-1012 aa
Description	Transcriptional coactivator that interacts with numerous nuclear receptors and coactivators and modulates the transcription of target genes. Interacts with chromatin depending on histone H3 modifications, having the highest affinity for histone H3 that is both unmodified at 'Lys-4' (H3K4me0) and acetylated at 'Lys-23' (H3K23ac). Has E3 protein-ubiquitin ligase activity. Promotes ubiquitination and proteasomal degradation of p53/TP53. Plays a role in the regulation of cell proliferation and apoptosis, at least in part via its effects on p53/TP53 levels. Up-regulates ligand-dependent transcription activation by AR, GCR/NR3C1, thyroid hormone receptor (TR) and ESR1. Modulates transcription activation by retinoic acid (RA) receptors, including RARA. Plays a role in regulating retinoic acid-dependent proliferation of hepatocytes.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	16.5 kDa

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AA Sequence	KKKTEGLVKLTPIDKRKCERLLLFLYCHEMSLAFQDPVPLTVPDYYKIIKNPMDLSTIK KRLQEDYSMYSKPEDFVADFRLLIFQNCAEFNEPDSEVANAGIKLENYFEELLKNLYP EKRFPK
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name	TRIM24 tripartite motif containing 24 [Homo sapiens]
Official Symbol	TRIM24
Synonyms	TRIM24; hTIF1; RNF82; TIF1A; Tif1a; TIF1-alpha; PTC6; TF1A; TIF1; TIF1ALPHA;
Gene ID	8805
mRNA Refseq	NM_003852
Protein Refseq	NP_003843
MIM	603406

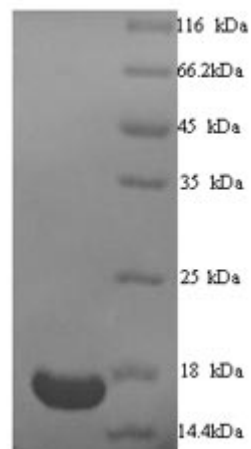
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UniProt ID

O15164



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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