

(Mouse) Trim24 Blocking Peptide (C-term)
Synthetic peptide
Catalog # BP20896c

Specification

(Mouse) Trim24 Blocking Peptide (C-term) - Product Information

Primary Accession [Q64127](#)

(Mouse) Trim24 Blocking Peptide (C-term) - Additional Information

Gene ID 21848

Other Names

Transcription intermediary factor 1-alpha, TIF1-alpha, 632-, E3 ubiquitin-protein ligase Trim24, Tripartite motif-containing protein 24, Trim24, Tif1, Tif1a

Target/Specificity

The synthetic peptide sequence is selected from aa 789-823 of HUMAN Trim24

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

(Mouse) Trim24 Blocking Peptide (C-term) - Protein Information

Name Trim24

Synonyms Tif1, Tif1a

Function

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) (By similarity). 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 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, such as RARA. Plays a role in regulating retinoic acid-dependent proliferation of hepatocytes. Required for normal transition from proliferating neonatal hepatocytes to quiescent adult hepatocytes.

Cellular Location

Nucleus. Cytoplasm. Note=Detected in the cytoplasm of the zygote (PubMed:16880268). Translocates into the pronucleus at the time of genome activation (PubMed:16880268). Colocalizes with sites of active transcription (PubMed:10610177). Localizes to sites of DNA damage (By similarity). {ECO:0000250|UniProtKB:O15164, ECO:0000269|PubMed:10610177, ECO:0000269|PubMed:16880268}

Tissue Location

Detected in embryonic and adult liver. Detected in zygote and throughout embryogenesis (at protein level). Detected in all adult tissues, with the highest expression level in testis

(Mouse) Trim24 Blocking Peptide (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

(Mouse) Trim24 Blocking Peptide (C-term) - Images

(Mouse) Trim24 Blocking Peptide (C-term) - Background

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