



Recombinant Human Transcription intermediary factor 1-alpha (TRIM24), partial

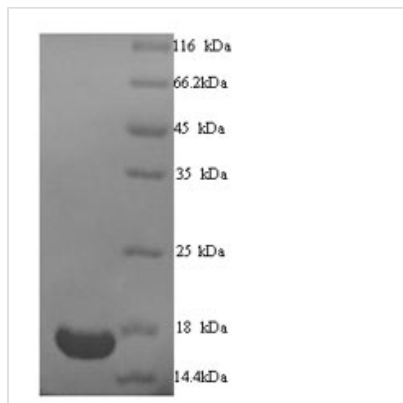
Product Code	CSB-YP024460HU
Relevance	Transcriptional coactivator that interacts with numerous nuclear receptors and coactivators and modulates the transcription of target genes. Interacts with chromatin depending on histone H3 modifications, having the highest affinity for histone H3 that is both unmodified 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 .
Abbreviation	Recombinant Human TRIM24 protein, partial
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	O15164
Alias	E3 ubiquitin-protein ligase TRIM24RING finger protein 82Tripartite motif-containing protein 24
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	KKKTEGLVKLTPIIDKRKCERLLFLYCHEMSLAFQDPVPLTVPDYYKIIKNPMDLSTIKRLQEDYSMYSKPEDFVADFRLIFQNCAEFNEPDSEVANAGIKLENYFEE LLKNLYPEKRFKP
Research Area	Epigenetics and Nuclear Signaling
Source	Yeast
Target Names	TRIM24
Protein Names	Recommended name: Transcription intermediary factor 1-alpha Short name= TIF1-alpha EC= 6.3.2.- Alternative name(s): E3 ubiquitin-protein ligase TRIM24 RING finger protein 82 Tripartite motif-containing protein 24
Expression Region	891-1012aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged



Mol. Weight 16.5kDa

Protein Length Partial

Image



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

Description

This high-quality Recombinant Human TRIM24 is a key resource for researchers working in the field of Epigenetics and Nuclear Signaling. This partial protein, produced in the yeast expression system, covers the 891-1012aa region of Transcription Intermediary Factor 1-alpha (TIF1-alpha). An N-terminal 6xHis-tag has been added for convenient purification and detection, ensuring a consistently pure product for your research needs.

Our Recombinant Human TRIM24 protein exhibits a purity greater than 90%, as determined by SDS-PAGE, and is available in both liquid and lyophilized powder forms. Trust this exceptional protein to support your Epigenetics and Nuclear Signaling research, delivering reliable and outstanding results.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.