

TRIM24 bromodomain (896-1014 aa) (GST-tagged), Human recombinant protein
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Catalog # PBV11234r

Specification

**TRIM24 bromodomain (896-1014 aa) (GST-tagged), Human recombinant protein -
Product info**

Primary Accession [O15164](#)
Calculated MW **40.9 kDa (896-1014 aa + NT GST Tag) kDa**

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Additional Info**

Gene ID **8805**
Gene Symbol **TRIM24**
Other Names
Transcriptional Intermediary Factor 1- α ; E3 Ubiquitin-protein Ligase TRIM24; hTIF1; RING finger protein 82; RNF82; PTC6; Tripartite Motif Containing 24.

Gene Source **Human**
Source **E. coli**
Assay&Purity **SDS-PAGE; $\geq$ 95%**
Assay2&Purity2 **HPLC;**
Recombinant **Yes**
Target/Specificity
TRIM24

Format
Liquid

Storage
-80°C; 50 mM Tris, pH 7.5, containing 500 mM sodium chloride, 5 mM β -mercaptoethanol and 5% glycerol.

**TRIM24 bromodomain (896-1014 aa) (GST-tagged), Human recombinant protein -
Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TRIM24 bromodomain (896-1014 aa) (GST-tagged), Human recombinant protein - Images

TRIM24 bromodomain (896-1014 aa) (GST-tagged), Human recombinant protein - Background

The acetylation of histone lysine residues plays a crucial role in the epigenetic regulation of gene transcription. A bromodomain is a protein domain that recognizes acetylated lysine residues such as those on the N-terminal tails of histones. This recognition is often a prerequisite for protein-histone association and chromatin remodeling. These domains function in the linking of protein complexes to acetylated nucleosomes, thereby controlling chromatin structure and gene expression. Thus, bromodomains serve as “readers” of histone acetylation marks regulating the transcription of target promoters. TRIM24 is a transcriptional cofactor, whose inactivation leads to hepatocellular carcinoma in mice.³ The N-terminal TRIM domain of TRIM24 binds ligand-bound nuclear receptors, while its tandem C-terminal plant homeo-domain and bromodomain target TRIM24 to acetylated histones in chromatin. This product contains the bromodomain region of TRIM24.

TRIM24 bromodomain (896-1014 aa) (GST-tagged), Human recombinant protein - References

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