

AR09568PU-L

Human HTATIP2 (1-242, His-tag) - Purified

Alternate names:

30 kDa HIV-1 TAT-interacting protein, CC3, HIV-1 TAT-interactive protein 2, Oxidoreductase HTATIP2, TIP30

Quantity:

0.5 mg

Concentration:

1.0 mg/ml (determined by Bradford assay)

Background:

HTATIP2, also known as TIP30, is a member of the short-chain dehydrogenases/reductases (SDR) family. It acts as a tumor suppressor participating in metabolic suppression, inhibition of angiogenesis and induces the expression of apoptosis related genes Bad and Siva. HTATIP2 interacts with the activation domain of HIV-1 TAT and enhances its transcription by phosphorylating RNA polymerase II (Pol II). Defects in This protein are associated with hepatocellular carcinomas and apoptotic resistant tumor cells, suggesting a potential use for HTATIP2 in antitumor therapy.

Uniprot ID:

[Q9BUP3](#)

NCBI:

[NP_001091990](#)

GenelD:

[10553](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >95% by SDS – PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 1 mM DTT

Description:

Recombinant human HTATIP2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHHH SSGLVPRGSH MAETEALSKL REDFRMQNKS VFILGASGET GRVLLKEILE
QGLFSKVTLI GRRKLTDFEE AYKNVQEVV DFEKLDDYAS AFQGHVGF C LGTTTRGKAG
AEGFVRVDRD YVLKSAELAK AGGCKHFNLL SSKGADKSSN FLYLQVKGEV EAKVEELKFD
RYSVFRPGVL LCDRQESRPG EWLVRKFFGS LPDSWARGHS VPVTVVVRAM LNNVVRPRDK
QMELLENKAI HDLGKAHGS L KP

Molecular weight: 29.3 kDa (262aa), confirmed by MALDI-TOF

Storage:

Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

Pictures:

Recombinant human HTATIP2, 1-242 aa,
His-tagged

