

**HTATIP2, 1-242aa, Human, His tag, E.coli**

**Cat.NO.: TP02542**

3th Edition

**Synonyms:**Oxidoreductase HTATP2, CC3, TIP30, SDR44U1

**Description:**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).

**Form:**Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol,1mM DTT

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

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMAETEALSKLREDFRMQNKSVFILGASGETGRVLLKEILEQGLFSKVTLIGRRKLT  
FDEEAYKNVNQEVVDFEKLDDYASAFQGHVGFCCCLGTTTRGKAGAEGFVRVDRDYVLKSAELAKAGGCKHFNLLS  
SKGADKSSNFLYLQVKGEVEAKVEELKFDYRYSVFRPGVLLCDRQESRPGEWLVRKFFGSLPDSWARGHSVPVVT  
VVRAMLNNVVRPRDKQMELLENKAIHDLGKAHGSLKP

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.