

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
FDEEAYKNVNQEVDVEKLDYASAFQGHVGFCCLGTTTRGKAGAEGFVRVDRDYVLKSAELAKAGGCKHFNLLS
SKGADKSSNFLYLQVKGEVEAKVEELKFDRYSVFRPGVLLCDRQESRPGEWLVRKFFGSLPDSWARGHSPVVT
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.