

## 32-2458: HTATIP2 Recombinant Protein

**Alternative Name :** TIP30,CC3,SDR44U1,HTATIP2,EC=1.1.1.1.,HIV-1 TAT-interactive protein 2,FLJ26963.

### Description

Source : Escherichia Coli. HTATIP2 Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 262 amino acids (1-242 a.a.) and having a molecular mass of 29.3 kDa. The HTATIP2 is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. HTATIP2 is part of the short-chain dehydrogenases/reductases (SDR) family which acts as a tumor suppressor in metabolic suppression, inhibition of angiogenesis and induces the expression of apoptosis related genes Bad and Siva. HTATIP2 cooperates with the activation domain of HIV-1 TAT and enhances its transcription by phosphorylating RNA polymerase II (Pol II). Defects in HTATIP2 are related with hepatocellular carcinomas and apoptotic resistant tumor cells, implicating a probable use for HTATIP2 in antitumor therapy.

### Product Info

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|----------------------------|--|
| <b>Amount :</b>            | 20 µg  |
| <b>Purification :</b>      | Greater than 95.0% as determined by SDS-PAGE.  |
| <b>Content :</b>           | HTATIP2 protein solution (1mg/ml) containing 20mM Tris-HCl pH-8, 1mM DTT & 10% glycerol.   |
| <b>Storage condition :</b> | Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.   |
| <b>Amino Acid :</b>        | MGSSHHHHHH SSGLVPRGSH MAETEALSKL REDFRMQNKS VFILGASGET GRVLLKEILE QGLFSKVTLI<br>GRRKLTDFDEE AYKNVNQEVV DFEKLDDYAS AFQGHVGVFC CLGTTRGKAG AEGFVRVDRD<br>YVLKSAELAK AGGCKHFNLL SSKGADKSSN FLYLQVKGEV EAKVEELKFD RYSVFRPGVL LCDRQESRPG<br>EWLVRKFFGS LPDSWARGHS VPVTVVRAM LNNVVRPRDK QMELLENKAI HDLGKAHGSL KP. |