

Recombinant Human Transcriptional Repressor Protein YY1 Protein(C-6His)

Cat.NO.: TP05782

3th Edition

Synonyms:Transcriptional repressor protein YY1;Delta transcription factor;INO80 complex subunit S;NF-E1;Yin and yang 1;INO80S

Description:Transcriptional repressor protein YY1?YY1?contains 4 C2H2-type zinc fingers and belongs to the YY transcription factor family. Multifunctional transcription factor exhibits positive and negative control on a large number of cellular and viral genes by binding to sites overlapping the transcription start site. The effect on transcription regulation of the protein is depending upon the context in which it binds and diverse mechanisms of action include direct activation or repression, indirect activation or repression via cofactor recruitment, or activation or repression by disruption of binding sites or conformational DNA changes. Its activity is regulated by transcription factors and cytoplasmic proteins that have been shown to abrogate or completely inhibit YY1-mediated activation or repression.

Form:PBS

Molecular Weight:12.6 kDa

Sequences:Val221-Gly321

Purity:> 95% by HPLC

Concentration:

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.