

32-8344: Recombinant Human Transcriptional Repressor Protein YY1 (C-6His)

Gene : YY1
Gene ID : 7528
Uniprot ID : P25490

Description

Source: E. coli.
MW :12.6kD.

Recombinant Human Yin and Yang 1 protein is produced by our E.coli expression system and the target gene encoding Val221-Gly321 is expressed with a 6His tag at the C-terminus. 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.

Product Info

Amount : 10 µg / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid : MVTMWSSDEKKDIDHETVVEEQIIGENSPPDYSEYMTGKKLPPGGIPGIDLSDPKQLAEFARMKPRKIKEDDAPR
TIACPHKGCTKMFRDNSAMRKHLHHTHGLEHHHHHH

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.