

[Go to Product page](#)

Datasheet for ABIN7319105 YY1 Protein (His tag)

Overview

Quantity:	50 µg
Target:	YY1
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This YY1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human YY1 Protein (His Tag)
Sequence:	Val221-Gly321
Characteristics:	Recombinant Human Yin and Yang 1 protein/Transcriptional repressor protein YY1 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.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	YY1
Alternative Name:	YY1 (YY1 Products)
Background:	Background: Transcriptional repressor protein YY1(YY1)contains 4 C2H2-type zinc fingers and belongs to the YY transcription factor family. Multifunctional transcription factor exhibits

Target Details

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.

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

Molecular Weight: 12.6 kDa

UniProt: [P25490](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.