

Recombinant Human YY1, His-tagged

Cat. No. YY1-2674H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human YY1 with a His tag is expressed in <i>E. coli</i> . MW: 130±5 KDa.
Species	Human
Source	E.coli
Description	YY1 is a ubiquitously distributed transcription factor belonging to the GLI-Kruppel class of zinc finger proteins. The protein is involved in repressing and activating a diverse number of promoters. YY1 may direct histone deacetylases and histone acetyltransferases to a promoter in order to activate or repress the promoter, thus implicating histone modification in the function of YY1.
Purity	Over 95% pure by PAGE.
Formulation	Solution at 0.30 mg/ml in 20% glycerol.
Activity	It may be used on the repair of RNA-polymerase II transcribed genes.
Storage	Store at -80°C. At least 1 year at -80°C.

GENE INFORMATION

Gene Name	YY1 YY1 transcription factor [<i>Homo sapiens</i>]
Synonyms	YY1; YY1 transcription factor; INO80 complex subunit S; YY-1; Yin and Yang 1

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	protein; delta transcription factor; transcriptional repressor protein YY1; DELTA; NF-E1; UCRBP; INO80S; YIN-YANG-1
Gene ID	7528
mRNA Refseq	NM_003403
Protein Refseq	NP_003394
MIM	600013
UniProt ID	P25490
Chromosome Location	14q
Function	metal ion binding; protein binding; specific transcriptional repressor activity; transcription coactivator activity; transcription corepressor activity; transcription factor activity; zinc ion binding
PDB rendering based on 1ubd.	