

Recombinant Human YY1

Cat. No. YY1-31565TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment amino acids 221-320 of Human YY1 with a proprietary tag at N-terminal: predicted molecular weight 36.63 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	100 amino acids
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.
Molecular Weight	36.630kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.79% Tris HCl, 0.31% Glutathione
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids VTMWSSDEKKDIDHETVVEEQIIGENSPPDYSEYMTGKKLPPGGIPGIDLSDPKQLA
EFARMKPRKIKEDDAPRTIACPHKGCTKMFRDNSAMRKHLHTH

Sequence Similarities Belongs to the YY transcription factor family.Contains 4 C2H2-type zinc fingers.

GENE INFORMATION

Gene Name YY1 YY1 transcription factor [Homo sapiens]

Official Symbol YY1

Synonyms YY1; YY1 transcription factor; transcriptional repressor protein YY1; DELTA; INO80 complex subunit S; INO80S; NF E1; UCRBP; Yin and Yang 1 protein; YIN YANG 1;

Gene ID 7528

mRNA Refseq NM_003403

Protein Refseq NP_003394

MIM 600013

Uniprot ID P25490

Chromosome Location 14q

Pathway Delta-Notch Signaling Pathway, organism-specific biosystem; E2F transcription factor network, organism-specific biosystem; Notch signaling pathway, organism-specific biosystem; Notch-mediated HES/HEY network, organism-specific biosystem; Signaling events mediated by HDAC Class I, organism-specific biosystem;

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Function

DNA binding; RNA binding; four-way junction DNA binding; metal ion binding; protein binding;

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