

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;

Function

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

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