

## Product datasheet for **TP721191**

### YY1 (NM\_003403) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human YY1 transcription factor (YY1)
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Val221-Gly321
Tag:	C-His
Predicted MW:	12.6 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH <sub>2</sub> O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	<a href="#">NP_003394</a>
Locus ID:	7528
UniProt ID:	<a href="#">P25490</a>
RefSeq Size:	3159
Cytogenetics:	14q32.2
RefSeq ORF:	1242
Synonyms:	DELTA; GADEVS; INO80S; NF-E1; UCRBP; YIN-YANG-1



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**Summary:** 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. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome, Transcription Factors