9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

# YY1 Human

*YY1 Transcription Factor Human Recombinant*
*RCP2605*

## Product Overview

| | |
|---|---|
| Name | YY1 Human |

**Description**

YY1 Transcription Factor Human Recombinant

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|---|---|
| Accession (Primary) | P25490 |

**Synonyms**

YY1 transcription factor, YY1, DELTA, INO80S, NF-E1, UCRBP, YIN-YANG-1, Transcriptional repressor protein YY1, Delta transcription factor, Yin and yang 1, INO80 complex subunit S, YY-1.

**Introduction**

YY1 Transcription Factor, also known as YY1, is a part of the GLI-Kruppel class of zinc finger proteins. YY1 has a positive and negative effect on a various cellular and viral genes by binding to sites overlapping the transcription start site. YY1 leads histone deacetylases and histone acetyltransferases to a promoter in order to activate or repress the promoter.

**Source**

Escherichia Coli.

**Physical Appearance**

Sterile Filtered clear solution.

**Formulation**

The YY1 solution (0.25mg/1ml) contains PBS, 20% glycerol and 1mM DTT.

**Stability**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Purity**

Greater than 80.0% as determined by SDS-PAGE.

**Amino acid sequence**

MGSSHHHHHH SSGLVPRGSH MGS MASGDTL YIATDGSEMP AEIVELHEIE VETIPVETIE TTVVGEEEEE DDDDEDGGGG DHGGGGGHGH AGHHHHHHHH HHHPPMIALQ PLVTDDPTQV HHHQEVILVQ TREEVVGGDD SDGLRAEDGF EDQILIPVPA PAGGDDDYIE QTLVTVAAAG KSGGGGSSSS GGGRVKKGGG KKSGKKSYLS GGAGAAGGGG ADPGNKKWEQ KQVQIKTLEG EFSVTMWSSD EKKDIDHETV VEEQIIGENS PPDYSEYMTG

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KKLPPGGIPG IDLSDPKQLA EFARMKPRKI KEDDAPRTIA CPHKGCTKMF RDNSAMRKHL HTHGPRVHVC AECGKAFVES SKLKRHQLVH TGEKPFQCTF EGCGKRFSLD FNLRTHVRIH TGDRPYVCPF DGCNKKFAQS TNLKSHILTH AKAKNNQ.

**Precautions**

YY1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

## Target Information: ( P25490 )