

## YY1 Transcription Factor Human Recombinant

<b>Item Number</b>	rAP-4231
<b>Synonyms</b>	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.
<b>Description</b>	YY1 Human Recombinant produced in E. coli is a single polypeptide chain containing 437 amino acids (1-414) and having a molecular mass of 47.1kDa. YY1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	P25490
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSMASGDTL YIATDGSEMP AEIVELHEIE VETIPVETIE TTVVGEEEEEE DDDDEDGGGG DHGGGGGGHGH AGHHHHHHHHH HHHPPMIALQ PLVTDDPTQV HHHQEVILVQ TREEVVGDD SDGLRAEDGF EDQILIPVPA PAGGDDDYIE QTLVTVAAG KSGGGSSSSS GGRVKKGGG KKS GKSYLS GGAGAAGGGG ADPGNKKWEQ KQVQIKTLEG EFSVTMWSSD EKKDIDHETV VEEQIGENS PPDYSEYMTG KKLPPGGIPG IDLSDPKQLA EFARMKPRKI KEDDAPRTIA CPHKGCTKMF RDNSAMRKHL HTHGPRVHVC AECGKAFVES SKLKRHQLVH TGEK-
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear solution. 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.
<b>Formulation and Purity</b>	The YY1 solution (0.25mg/1ml) contains PBS, 20% glycerol and 1mM DTT. Greater than 80.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**