
Product Data Sheet

Product Name: YY1 Human

Cat. No.: GP25037

Batch No.: 1

Product Data

Purity >98%

Source Escherichia Coli.

Physical
Appearance solidShipping
Condition Shipped with Ice Packs.

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.

Amino Acid
Sequence
 MGSSHHHHHH SGLVPRGSH MGSMASGDTL YIATDGSEMP AEIVELHEIE
 VETIPVETIE TTVVGEEEEEE DDDDEDGGGG DHGGGGGGHGH AGHHHHHHHHH
 HHHPPMIALQ PLVTDDPTQV HHHQEVLVQ TREEVVGDD SDGLRAEDGF
 EDQILIPVPA PAGGDDDYIE QTLVTVAAAG KSGGGGSSSS GGGRVKKGGG
 KKSGKKSYS GGAGAAGGGG ADPGNKKWEQ KQVQIKTLEG EFSVTMWSSD
 EKKDIDHETV VEEQIIGENS PPDYSEYMTG KKLPPGGIPG IDLSDPKQLA
 EFARMKPRKI KEDDAPRTIA CPHKGCTKMF RDNSAMRKHL HTHGPRVHVC
 AECGKAFVES SKLKRHQLVH TGEKPFQCTF ECGKRFSLD FNLRTHVRIH
 TGDRPYVCPF DGCNKKFAQS TNLKSHILTH AKAKNNQ.

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

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.

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%

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA