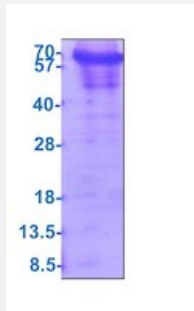


Full-Length

YY1 (Human) Recombinant Protein

Catalog # P7706 Size 500 ug

Applications



SDS-PAGE analysis of YY1 (Human) Recombinant Protein

Specification

Product Description	Human YY1 (NP_003394.1, 1 a.a. - 414 a.a) full-length recombinant protein with His tag expressed in <i>Escherichia coli</i> .
Sequence	MGSSHHHHHHSSGLVPRGSHMGSMASGDTLYIATDGSEMPAEIVELHEIEVETIPVETIETTIVGE EEEEDDDDDEDGGGGDHGGGGGHGAGHHHHHHHHHHHPPMIALQPLVTDDPTQVHHHQEVILV QTREEVVGDDSDGLRAEDGFEDQILIPVPAPAGGDDDYIEQTLVTAAAGKSGGGGSSSSGGG RVKKGKKSGKKSYSGGAGAAGGGGADPGNKKWEQKQVQIKTLEGEFSVTMWSSDEKKDI DHETVVEEQIIGENSPPDYSEYMTGKKLPPGGIPGIDLSDPKQLAEFARMKPRKIKEDDAPRTIACP HKGCTKMFRDNSAMRKHLHTHGPRVHVCAECGKAFVESSKLRHQLVHTGEKPFQCTFEGCG KRFSLDFNLRTHVRIHTGDRPYVCPFDGCNKKFAQSTNLKSHILTHAKAKNNQ
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	47.1
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Concentration	0.25mg/mL
Purity	> 80% by SDS-PAGE

Quality Control Testing

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.
SDS-PAGE analysis of YY1 (Human) Recombinant Protein

Recommend Usage

SDS-PAGE
The optimal working dilution should be determined by the end user.

Storage Buffer

In PBS, pH 7.4 (1 mM DTT, 20% glycerol).

Storage Instruction

Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — YY1

Entrez GeneID[7528](#)**Protein Accession#**[P25490](#)**Gene Name**

YY1

Gene Alias

DELTA, INO80S, NF-E1, UCRBP, YIN-YANG-1

Gene Description

YY1 transcription factor

Omim ID[600013](#)**Gene Ontology**[Hyperlink](#)**Gene 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]

Other Designations

INO80 complex subunit S|Yin and Yang 1 protein

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)

- [Edema](#)