

# YY1 (Human) Recombinant Protein (Q01)

Catalog # H00007528-Q01

Size 25 ug, 10 ug

## Applications



## Specification

|                                      |                                                                                                          |
|--------------------------------------|----------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>           | Human YY1 partial ORF ( NP_003394, 221 a.a. - 320 a.a.) recombinant protein with GST-tag at N-terminal.  |
| <b>Sequence</b>                      | VTMWSSDEKKDIDHETVVEEQIIGENSPPDYSEYMTGKKLPPGGIPGIDLSDPKQLAEFARMKPRK<br>IKEDDAPRTIACPHKGCTKMFRDNSAMRKHLHTH |
| <b>Host</b>                          | Wheat Germ (in vitro)                                                                                    |
| <b>Theoretical MW (kDa)</b>          | 36.74                                                                                                    |
| <b>Interspecies Antigen Sequence</b> | Mouse (100); Rat (100)                                                                                   |
| <b>Preparation Method</b>            | <a href="#">in vitro wheat germ expression system</a>                                                    |
| <b>Purification</b>                  | Glutathione Sepharose 4 Fast Flow                                                                        |
| <b>Quality Control Testing</b>       | 12.5% SDS-PAGE Stained with Coomassie Blue.                                                              |
| <b>Storage Buffer</b>                | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                 |
| <b>Storage Instruction</b>           | Store at -80°C. Aliquot to avoid repeated freezing and thawing.                                          |
| <b>Note</b>                          | Best use within three months from the date of receipt of this protein.                                   |

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — YY1

Entrez GeneID [7528](#)

GeneBank Accession# [NM\\_003403](#)

Protein Accession# [NP\\_003394](#)

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](#)