

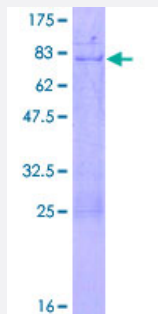
Full-Length

YBX2 (Human) Recombinant Protein (P01)

Catalog # H00051087-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human YBX2 full-length ORF (NP_057066.1, 1 a.a. - 364 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSEVEAAAVATAVPAATVPATAAGVVAVVVPVPAGEPQKGGGAGGGGGAASGPAAGTPSAPG
SRTPGNPATAVSGTPAPPARSQADKPVLAIQVLGTVKWFNVRNGYGFINRNDTKEDVFVHQTAIK
RNNPRKFLRSVGDGETVEFDVVEGEKGAEATNVTGPGGVPVKGSRYAPNRRKSRRFIPRPPSV
APPPMVAEIPSA GTGPGSKGERAEDSGQRPRRWCPPFFYRRRFVRGPRPPNQQQPIEGTDRV
EPKETAPLEGHQQQGDERVPPPRFRPRYRPRFRPRRQQPTTEGGDGETKPSQGPADGSRPE
PQRPRNRPYFQRRRQQAPGPQQAPGPRQPAAPETSAPVNSGDPTTTILE

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

65

Interspecies Antigen Sequence

Mouse (90)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

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 — YBX2

Entrez GeneID[51087](#)**GeneBank Accession#**[NM_015982.1](#)**Protein Accession#**[NP_057066.1](#)**Gene Name**

YBX2

Gene Alias

CONTRIN, CSDA3, DBPC, MGC45104, MSY2

Gene Description

Y box binding protein 2

Omim ID[611447](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

YBX2 is a germ-cell specific member of the vertebrate Y box family of nucleic acid-binding proteins (Gu et al., 1998 [PubMed 9780336]; Tekur et al., 1999 [PubMed 10100484]).[supplied by OMIM]

Other Designations

germ cell specific Y-box binding protein

Disease

- [Azoospermia](#)
- [Genetic Predisposition to Disease](#)

- [Infertility](#)
- [Oligospermia](#)