

# Recombinant Human YBX2 cell lysate

**Cat. No.** YBX2-1946HCL    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

|                       |                                                                                                                                                                               |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species</b>        | Human                                                                                                                                                                         |
| <b>Description</b>    | 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]). |
| <b>Size</b>           | 100 ul                                                                                                                                                                        |
| <b>Storage Buffer</b> | 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)                                                                     |
| <b>Applications</b>   | Western Blot;                                                                                                                                                                 |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                        |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | YBX2 Y box binding protein 2 [ Homo sapiens ]                                                                                                                                                                          |
| <b>Official Symbol</b> | YBX2                                                                                                                                                                                                                   |
| <b>Synonyms</b>        | YBX2; Y box binding protein 2; Y-box-binding protein 2; CSDA3; MSY2; MSY2 homolog; DNA-binding protein C; germ cell specific Y-box binding protein; germ cell-specific Y-box-binding protein; DBPC; CONTRIN; MGC45104; |
| <b>Gene ID</b>         | 51087                                                                                                                                                                                                                  |

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|                            |                                                                                                                                       |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <b>mRNA Refseq</b>         | NM_015982                                                                                                                             |
| <b>Protein Refseq</b>      | NP_057066                                                                                                                             |
| <b>MIM</b>                 | 611447                                                                                                                                |
| <b>UniProt ID</b>          | Q9Y2T7                                                                                                                                |
| <b>Chromosome Location</b> | 17p13.1                                                                                                                               |
| <b>Function</b>            | DNA binding; chromatin binding; lipid binding; mRNA 3-UTR binding; ribonucleoprotein complex binding; translation regulator activity; |

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