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## Datasheet for ABIN2732429 SOX1 Protein (Myc-DYKDDDDK Tag)

Image



## Overview

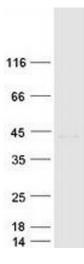
| 20 µg                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SOX1                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Human                                                                                                                                                                                                                                                                                                                                                                                                                        |
| HEK-293 Cells                                                                                                                                                                                                                                                                                                                                                                                                                |
| Recombinant                                                                                                                                                                                                                                                                                                                                                                                                                  |
| This SOX1 protein is labelled with Myc-DYKDDDDK Tag.                                                                                                                                                                                                                                                                                                                                                                         |
| Antibody Production (AbP), Standard (STD)                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <ul><li>Recombinant human SOX1 protein expressed in HEK293 cells.</li><li>Produced with end-sequenced ORF clone</li></ul>                                                                                                                                                                                                                                                                                                    |
| > 80 % as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                              |
| SOX1                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Sox1 (SOX1 Products)                                                                                                                                                                                                                                                                                                                                                                                                         |
| This intronless gene encodes a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of the cell fate. The encoded protein may act as a transcriptional activator after forming a protein complex with other proteins. In mice, a similar protein regulates the gamma-crystallin genes and is essential for lens development. |
|                                                                                                                                                                                                                                                                                                                                                                                                                              |

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| Target Details      |                                                      |
|---------------------|------------------------------------------------------|
| Molecular Weight:   | 38.8 kDa                                             |
| NCBI Accession:     | NP_005977                                            |
| Application Details |                                                      |
| Application Notes:  | Recombinant human proteins can be used for:          |
|                     | Native antigens for optimized antibody production    |
|                     | Positive controls in ELISA and other antibody assays |
| Comment:            | The tag is located at the C-terminal.                |
| Restrictions:       | For Research Use only                                |
| Handling            |                                                      |

| Concentration:   | 50 µg/mL                                                                                                                                          |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Buffer:          | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.                                                                                            |
| Storage:         | -80 °C                                                                                                                                            |
| Storage Comment: | Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended. |

## Images



## Western Blotting

Image 1. Validation with Western Blot

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