

## Recombinant Human SOX14 Protein, MYC/DDK-tagged

Cat. No. SOX14-2276H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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| <b>Product Overview</b> | Recombinant human SOX14 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Description</b>      | 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 regulator after forming a protein complex with other proteins. Mutations in this gene are suggested to be responsible for the limb defects associated with blepharophimosis, ptosis, epicanthus inversus syndrome (BPES) and Mobius syndrome. [provided by RefSeq, Jul 2008] |
| <b>Form</b>             | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Molecular Mass</b>   | 26.3 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

### GENE INFORMATION

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|------------------------|--------------------------------------------------------------|
| <b>Gene Name</b>       | SOX14 SRY (sex determining region Y)-box 14 [ Homo sapiens ] |
| <b>Official Symbol</b> | SOX14                                                        |
| <b>Synonyms</b>        | SOX28                                                        |
| <b>Gene ID</b>         | 8403                                                         |
| <b>mRNA Refseq</b>     | NM_004189                                                    |
| <b>Protein Refseq</b>  | NP_004180                                                    |
| <b>MIM</b>             | 604747                                                       |
| <b>UniProt ID</b>      | O95416                                                       |

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