

## Recombinant Human SOX2 protein, His-SUMO-tagged

Cat. No. SOX2-3519H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SOX2 protein(P48431)(1-317aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-317aa
<b>Form</b>	<p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>
<b>Molecular Mass</b>	50.3 kDa
<b>AA Sequence</b>	<p>MYNMMETELKPPGPQQTSGGGGGNSTAAAAGGNQKNSPDRVKRPMNAFMVWSR  GQRRKMAQENPKMHNSEISKRLGAEWKLLSETEKRPFIDEAKRLRALHMKEHPDYK  YRPRRKTTLMKKDKYTLPGLLAPGGNSMASGVGVGAGLGAGVNRMDSYAHM  NGWSNGSYSMMQDQLGYPQHPLNAHGAAQMMPMHRVDVSALQYNSMTSSQTY  MNGSPTYSMSYSQQGTPGMALGSMGSVVKSEASSPPVVTSSSHSRAPCQAGDL  RDMISMYLPGAEVPEPAAPSRLHMSQHYQSGPVPGTAINGTLPPLSHMC</p>
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.

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**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**Reconstitution** Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

## GENE INFORMATION

**Gene Name** SOX2 SRY (sex determining region Y)-box 2 [ Homo sapiens ]

**Official Symbol** SOX2

**Synonyms** SOX2; SRY (sex determining region Y)-box 2; transcription factor SOX-2; transcription factor SOX2; SRY-related HMG-box gene 2; ANOP3; MCOPS3; MGC2413;

**Gene ID** 6657

**mRNA Refseq** NM\_003106

**Protein Refseq** NP\_003097

**MIM** 184429

**UniProt ID** P48431

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