

Recombinant Human SOX2 protein, His-SUMO-tagged

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

SPECIFICATION

Product Overview	Recombinant Human SOX2 protein(P48431)(1-317aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-317aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	50.3 kDa
AA Sequence	MYNMMETELKPPGPQQTSGGGGGNSTAAAAGGNQKNPDRVKRPMNAFMVWSR GQRRKMAQENPKMHNSEISKRLGAEWKLLSETEKRPFIDEAKRLRALHMKEHPDYK YRPRRKTKTLMKKDKYTLPGGLLAPGGNSMASGVGVGAGLGAGVNQRMDSYAHM NGWSNGSYSMMQDQLGYPQHPLNAHGAAQMQPMHRYDVSALQYNSMTSSQTY MNGSPTYSMSYSQQGTPGMALGSMGSVVKSEASSSPPVVTSSSHSRAPCQAGDL RDMISMYLPGAEVPEPAAPSRLHMSQHYQSGPVPGTAINGTLPPLSHMC
Purity	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