

Recombinant Human SOX2 protein, His-tagged

Cat. No. SOX2-6323H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SOX2 protein(P48431)(1-317aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-317a.a.
Tag	His
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	38.4 kDa
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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

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concentration) and aliquot for long-term storage at -20°C/-80°C.

AA Sequence

MYNMMETELKPPGPQQTSGGGGGNSTAAAAGGNQKNSPDRVKRPMNAFMVWSR
GQRRKMAQENPKMHNSEISKRLGAEWKLLSETEKRPFIDEAKRLRALHMKEHPDYK
YRPRRKTKTLMKKDKYTLPGGLLAPGGNSMASGVGVGAGLGAGVNRMDSYAHM
NGWSNGSYSMMQDQLGYHPGLNAHGAAQMMPMHRYDVSALQYNSMTSSQTY
MNGSPTYSMSYSQQGTPGMALGSMGSVVKSEASSSPPVVTSSSHSRAPCQAGDL
RDMISMYLPGAEVPEPAAPSRHMSQHYQSGPVPGTAINGTLPPLSHM

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

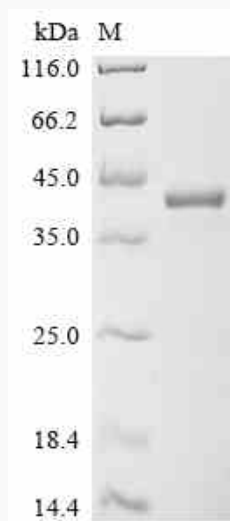
MIM 184429

UniProt ID P48431

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SDS-PAGE

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