

# **SOX2** Human, SRY (sex determining region Y)-box 2 Human Recombinant Protein, TAT

Catalog Number: PROTP48431-2

#### Introduction

SOX2 is a transcription factor that forms a trimeric complex with OCT4 on DNA and controls the expression of a number of genes involved in embryonic development such as YES1, FGF4, UTF1 and ZFP206. SOX4 is important for early embryogenesis and for embryonic stem cell pluripotency.

#### Overview

Product Name	SOX2 Human, SRY (sex determining region Y)-box 2 Human Recombinant Protein, TAT
Description	Sox2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 330 amino acids (317 aa residues of the full length Sox2) and having a molecular mass of 36kDa.  Sox2 is fused to a 13 amino acid TAT peptide at C-terminus (GGYGRKKRRQRRR) & purified by proprietary chromatographic techniques.
Size	5ug, 25ug, 1mg
Tag	
Form	Sterile Filtered White lyophilized (freeze-dried) powder.
Source	E. Coli
Formulation	

#### Concentration

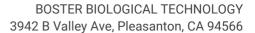
### **Storage**

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

## **Purity**

Greater than 95.0% as determined by RP-HPLC and SDS-PAGE.

## **Amino Acid Sequence**







IDEAKRLRAL HMKEHPDYKY RPRRKTKTLM KKDKYTLPGG LLAPGGNSMA SGVGVGAGLG AGVNQRMDSY AHMNGWSNGS YSMMQDQLGY PQHPGLNAHG AAQMQPMHRY DVSALQYNSM TSSQTYMNGS PTYSMSYSQQ GTPGMALGSM GSVVKSEASS SPPVVTSSSH SRAPCQAGDL RDMISMYLPG AEVPEPAAPS RLHMSQHYQS GPVPGTAING TLPLSHMGGY GRKKRRQRRR. ②/description\_after\_attributes②



## Usage

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