

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

Catalog Number: PROTP48431-1

### 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 SRY (sex determining region Y)-box 2 Human Recombinant Protein
Description	SOX2 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 208 amino acids (1-200 a.a.) and having a molecular mass of 23.1kDa. SOX2 protein is fused to an 8 amino acid His-Tag at C-terminus and purified by standard chromatography.
Size	5ug, 25ug, 1mg
Tag	
Form	Sterile filtered colorless solution.
Source	E. Coli
Formulation	The SOX2 solution contains 20mM Tris-HCl pH-8, 2mM DTT, 0.2M NaCl & 40% glycerol.

### 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 90% as determined by SDS-PAGE.

### Amino Acid Sequence

MYNMMETELK PPGPQQTSGG GGGNSTAAAA GGNQKNSPDR VKRPMNAFMV WSRGQRRKMA QENPKMHNSE ISKRLGAEWK LLSETEKRPF  
IDEAKRLRAL HMKEHPDYKY RPRRKTCTLM KKDKYTLPGG LLAPGGNSMA SGVGVGAGLG AGVNQRMDSY AHMNGWSNGS YSMMQDQLGY  
PQHPGLNAHG AAQMOPMHRY LEHHHHHH. [?/description\\_after\\_attributes?](#)

## Usage

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