

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

MYNMMETELK PPGPQQTSGG GGGNSTAAAA GGNQKNSPDR VKRPMNAFMV WSRGQRRKMA QENPKMHNSE ISKRLGAEWK LLSETEKRPF

IDEAKRLRAL HMKEHPDYKY RPRRKTKTLM KDKYTLPGG LLAPGGNSMA SGVGVGAGLG AGVNQRMDSY AHMNGWSNGS YSMMQDQLGY
PQHPGLNAHG AAQMCPMHRY DVSALQYNSM TSSQTYMNGS PTYSMSYSQQ GTPGMALGSM GSVVKSEASS SPPVVTSSSH SRAPCQAGDL
RDMISMYLPG AEVPEPAAPS RLHMSQHYQS GPVPGTAING TLPLSHMGGY GRKKRRQRRR. [?/description_after_attributes?](#)

Usage

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