
Product Data Sheet

Product Name: SOX2 Human

Cat. No.: GP24665

Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	MCOPS3; ANOP3; MGC2413; SOX2; SRY (sex determining region Y)-box 2.		
Amino Acid Sequence	MYNMMETELK PPGPQQTSGG GGGNSTAAAA GGNQKNSPDR VKRPMNAFMV WSRGQRRKMA QENPKMHNSE ISKRLGAEWK LLSETEKRPF IDEAKRLRAL HMKEHPDYKY RPRRKTTLK KDKYTLPGG LLAPGGNSMA SGVGVGAGLG AGVNQRMDSY AHMNGWSNGS YSMMQDQLGY PQHPGLNAHG AAQMOPMHRY LEHHHHHH.		
Formulation	The SOX2 solution contains 20mM Tris-HCl pH-8, 2mM DTT, 0.2M NaCl & 40% glycerol.		

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.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

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

Caution: Product has not been fully validated for medical applications. For research use only.

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