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## Product Data Sheet

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Product Name: SOX2 Human, PolyR

Cat. No.: GP24666

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	The sequence of the first five N-terminal amino acids was determined and was found to be Met-Trp-Asn-Met-Met.		
Formulation	The SOX2 solution (0.15mg/ml) contains 20mM PBS.		

### 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

SOX2 Human Recombinant although stable at 4°C for 1 week, should be stored below -18°C . Please prevent freeze thaw cycles.

### Background

SOX2 Human Recombinant produced in E.Coli is a single, non-glycosylated, Polypeptide chain containing 317 amino acids and having a molecular mass of 34.3kDa. The SOX2 is fused to a C-terminal poly-arginine tag and purified by proprietary chromatographic techniques.

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

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