9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

SOX2 Human

SRY (sex determining region Y)-box 2 Human Recombinant
RCP2199

Product Overview

Name	SOX2 Human
Description	
SRY (sex determining region Y)-box 2 Human Recombinant	
Accession (Primary)	P48431
Synonyms	
MCOPS3, ANOP3, MGC2413, SOX2, SRY (sex determining region Y)-box 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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
The SOX2 solution contains 20mM Tris-HCl pH-8, 2mM DTT, 0.2M NaCl & 40% glycerol.	
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.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MYNMMETELK PPGPQQTSGG GGGNSTAAAA GGNQKNSPDR VKRPMNAFMV WSRGQRRKMA QENPKMHNSE ISKRLGAEWK LLSETEKRPF IDEAKRLRAL HMKEHPDYKY RPRRKTKTLM KKDKYTLPGG LLAPGGNSMA SGVGVGAGLG AGVNQRMDSY AHMNGWSNGS YSMMQDQLGY PQHPGLNAHG AAQMQPMHRY LEHHHHHH .	
Precautions	
SOX2 Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (P48431)