

## 32-4925: Recombinant Human SRY (sex determining region Y)-box 2

**Alternative Name :** MCOPS3,ANOP3,MGC2413,SOX2,SRY (sex determining region Y)-box 2.

### Description

Source : Escherichia Coli. 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. 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.

### Product Info

<b>Amount :</b>	25 µg
<b>Purification :</b>	Greater than 90% as determined by SDS-PAGE.
<b>Content :</b>	The SOX2 solution contains 20mM Tris-HCl pH-8, 2mM DTT, 0.2M NaCl & 40% glycerol.
<b>Storage condition :</b>	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.
<b>Amino Acid :</b>	MYNMMETELK PPGPQQTSGG GGNSTAAAA GGNQKNPDR VKRPMNAFMV WSRGQRRKMA QENPKMHNSE ISKRLGAEWK LLSETEKRPF IDEAKRLRAL HMKEHPDYKY RPRRKTTLML KDKYTLPGG LLAPGGNSMA SGVGVGAGLG AGVNQRMSY AHMNGWSNGS YSMMQDQLGY PQHPGLNAHG AAQMOPMHRV LEHHHHHH.

