

## 32-4926: Recombinant Human SRY (sex determining region Y)-box 2 Polyarginine-Tag

**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 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. 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>	10 µg
<b>Purification :</b>	Greater than 95.0% as determined by:(a) Analysis by SEC-HPLC.(b) Analysis by SDS-PAGE.
<b>Content :</b>	The SOX2 solution (0.15mg/ml) contains 20mM PBS.
<b>Storage condition :</b>	SOX2 Human Recombinant although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.
<b>Amino Acid :</b>	The sequence of the first five N-terminal amino acids was determined and was found to be Met-Trp-Asn-Met-Met.

