

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

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

