

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

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| Item Number | rAP-4846 |
| Synonyms | MCOPS3, ANOP3, MGC2413, SOX2, SRY (sex determining region Y)-box 2. |
| Description | 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. |
| Uniprot Accession Number | P48431 |
| Amino Acid Sequence | MYNMMETELK PPGPQQTSGG GGGNSTAAAA GGNQKNSPDR VKRPMNAFMV WSRGQRRKMA QENPKMHNSE ISKRLGAEWK LLSETEKRPF IDEAKRLRAL HMKEHPDYKY RPRRKTKTLM KKDKYTLPGG LLAPGGNSMA SGVGVGAGLG AGVNQRMSY AHMNGWSNGS YSMMQDQLGY PQHPGLNAHG AAQMCPMHRY LEHHHHHH. |
| Source | Escherichia Coli. |
| Physical Appearance and Stability | Sterile filtered colorless solution. 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. |
| Formulation and Purity | The SOX2 solution contains 20mM Tris-HCl pH-8, 2mM DTT, 0.2M NaCl & 40% glycerol. Greater than 90% as determined by SDS-PAGE. |
| Application | |
| Solubility | |
| Biological Activity | |
| Shipping Format and Condition | Lyophilized powder at room temperature. |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**