

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

Item Number	rAP-4843
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 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.
Uniprot Accession Number	P48431
Amino Acid Sequence	The sequence of the first five N-terminal amino acids was determined and was found to be Met-Trp-Asn-Met-Met.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. SOX2 Human Recombinant although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.
Formulation and Purity	The SOX2 solution (0.15mg/ml) contains 20mM PBS. Greater than 95.0% as determined by:(a) Analysis by SEC-HPLC.(b) Analysis 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**