

Mesenchyme Homeobox 2 Human Recombinant

Item Number	rAP-3467
Synonyms	GAX, MOX2, Homeobox protein MOX-2, Growth arrest-specific homeobox, Mesenchyme homeobox 2, MEOX2.
Description	MEOX2 Human Recombinant produced in E. coli is a single polypeptide chain containing 140 amino acids (188-304) and having a molecular mass of 15.9kDa. MEOX2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P50222
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSRKERTAF TKEQIRELEA EFAHHNYLTR LRRYEIAVNL DLTERQVKVW FQNRRMKWKR VKGGQQGAAA REKELVNVKK GTLLPSELG IGAATLQQTG DSIANEDSHD SDHSSEHAHL.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear 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 MEOX2 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 40% glycerol and 2mM DTT. Greater than 95% 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**