9051 Mira Mesa Blvd, #910094
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MEOX2 Human

Mesenchyme Homeobox 2 Human Recombinant
RCP1351

Product Overview

Name	MEOX2 Human
Description	
Mesenchyme Homeobox 2 Human Recombinant	
Accession (Primary)	P50222
Synonyms	
GAX, MOX2, Homeobox protein MOX-2, Growth arrest-specific homeobox, Mesenchyme homeobox 2, MEOX2.	
Introduction	
Homeobox protein MOX-2 (MEOX2) is a part of a family of nonclustered, diverged homeobox genes which are expressed in overlapping patterns in the paraxial mesoderm and its derivatives. MEOX2 participates in the regulation of vertebrate limb myogenesis. MEOX2 also takes part in mesoderm induction and its earliest regional specification, somitogenesis, myogenic and sclerotomal differentiation. Mutations in the related mouse MEOX2 are related with craniofacial and/or skeletal abnormalities, in addition to neurovascular dysfunction observed in Alzheimer's disease.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The MEOX2 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 40% glycerol and 2mM DTT.	
Stability	
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.	
Purity	
Greater than 95% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS RKERTAF TKEQIRELEA EFAHHNYLTR LRRYEIAVNL DLTERQVKVW FQNRRMKWKR VKGGQQGAAA REKELVNVKK GTLLPSELSG IGAATLQQTG DSIANEDSHD SDHSSEHAHL.	
Precautions	

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MEOX2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P50222)