9051 Mira Mesa Blvd, #910094
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SIX1 Human

SIX Homeobox 1 Human Recombinant
RCP2112

Product Overview

Name	SIX1 Human
Description	
SIX Homeobox 1 Human Recombinant	
Accession (Primary)	Q15475
Synonyms	
SIX Homeobox 1, Sine Oculis Homeobox Homolog 1, Sine Oculis Homeobox Homolog 1 (Drosophila), Homeobox Protein SIX1, Deafness Autosomal Dominant 23, DFNA23, TIP39, BOS3.	
Introduction	
Homeobox protein SIX1 (SIX1) belongs to the SIX gene family. SIX1 is characterized by a divergent DNA-binding homeodomain and an upstream SIX domain, which is involved both in determining DNA-binding specificity and in mediating protein-protein interactions. SIX1 has a role in vertebrate and insect development or in the maintenance of the differentiated state of tissues.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The SIX1 solution contains 20mM Tris-HCl buffer (pH 8.0), 2M Urea and 10% glycerol.	
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 85% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSH MSMLPS FGFTQEQVAC VCEVLQQGGN LERLGRFLWS LPACDHLHKN ESVLKAKAVV AFHRGNFREL YKILESHQFS PHNHPKLQQL WLKAHYVEAE KLRGRPLGAV GKYRVRRKFP LPRTIWDGEE TSYCFKEKSR GVLREWYAHN PYPSPREKRE LAEATGLTTT QVSNWFKNRR QRDRAAEAKE RENTENNNSS SNKQNQLSPL EGGKPLMSSS EEEFSPPQSP DQNSVLLLQG NMGHARSSNY SLPGLTASQP	

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SHGLQTHQHQ LQDSLLGPLT SSLVDLGS

Precautions

SIX1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q15475)