

Recombinant Human SOX9 Protein, MYC/DDK-tagged

Cat. No. SOX9-3043H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human SRY (sex determining region Y)-box 9 (SOX9) was wxpressed in HEK293 cells with C-terminal MYC/DDK tag.
Species	Human
Source	HEK293
ProteinLength	1-509 aa
Description	The protein encoded by this gene recognizes the sequence CCTTGAG along with other members of the HMG-box class DNA-binding proteins. It acts during chondrocyte differentiation and, with steroidogenic factor 1, regulates transcription of the anti-Muellerian hormone (AMH) gene. Deficiencies lead to the skeletal malformation syndrome campomelic dysplasia, frequently with sex reversal.
Form	Liquid
Molecular Mass	56 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	SOX9 SRY (sex determining region Y)-box 9 [Homo sapiens]
Official Symbol	SOX9
Synonyms	SOX9; SRY (sex determining region Y)-box 9; campomelic dysplasia, autosomal sex reversal , CMD1, CMPD1; transcription factor SOX-9; SRA1; SRY-related HMG-box, gene 9; SRY (sex-determining region Y)-box 9 protein; CMD1; CMPD1;
Gene ID	6662
mRNA Refseq	NM_000346
Protein Refseq	NP_000337
MIM	608160
UniProt ID	P48436

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