

Recombinant Human SOX5, His-tagged

Cat. No. SOX5-30693TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment corresponding to amino acids 280-516 of human SOX5 fused to a His tag at N-terminal end, 35kDa
Species	Human
Source	E.coli
ProteinLength	280-516 a.a.
Description	This gene encodes a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of the cell fate. The encoded protein may act as a transcriptional regulator after forming a protein complex with other proteins. The encoded protein may play a role in chondrogenesis. A pseudogene of this gene is located on chromosome 8. Multiple transcript variants encoding distinct isoforms have been identified for this gene.
Conjugation	HIS
Form	Liquid
Storage buffer	Preservative: NoneConstituents: PBS
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

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Sequence Similarities Contains 1 HMG box DNA-binding domain.

GENE INFORMATION

Gene Name	SOX5 SRY (sex determining region Y)-box 5 [Homo sapiens]
Official Symbol	SOX5
Synonyms	SOX5; SRY (sex determining region Y)-box 5; transcription factor SOX-5; L SOX5; MGC35153;
Gene ID	6660
mRNA Refseq	NM_006940
Protein Refseq	NP_008871
MIM	604975
Uniprot ID	P35711
Chromosome Location	12p12.1
Pathway	Endochondral Ossification, organism-specific biosystem;
Function	DNA binding; protein binding; sequence-specific DNA binding transcription factor activity;

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