

# Recombinant Human SOX5 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** SOX5-659H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	SOX5 MS Standard C13 and N15-labeled recombinant protein (NP_008871) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	83.8 kDa
<b>AA Sequence</b>	MLTDPDLPQEFERMSSKRPASPYGEADGEVAMVTSRQKVEEEESDGLPAFHLPLH VSFPNKPHSEEFQPVSLLTQETCGHRTPTSQHNTMEVDGNKVMSSFAPHNSSTSP QKAEEGGRQSGESLSSTALGTPERRKGLADVVDTLKQRKMEELIKNEPEETPSIEK LLSKDWKDKLLAMGSGNFGEIKGTPESLAEKERQLMGMINQLTSLREQLLAAHDEQ KKLAASQIEKQRQQMELAKQQQEIQARQQQLLQQQHKINLLQQQIQVQGGQLPPLM IPVFPPDQRTLAAAAQQGFLLPPGFSYKAGCSDPYPVQLIPTTMAAAAAATPGLGPL

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QLQQLYAAQLAAMQVSPGGKLPGIPQGNLGAAVSPTSIIHTDKSTNSPPPKSKDEVA  
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 INGEIYDEYDEEEDDPDVDYGSSENHIAGQANTRTRPLEQKLISEEDLAANDILDYK  
 DDDDKV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** SOX5 SRY-box transcription factor 5 [ Homo sapiens (human) ]

**Official Symbol** SOX5

**Synonyms** SOX5; SRY (sex determining region Y)-box 5; transcription factor SOX-5; L SOX5; MGC35153; L-SOX5;

**Gene ID** 6660

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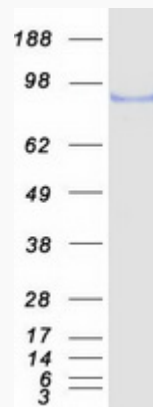
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Protein Refseq [NP\\_008871](#)

MIM [604975](#)

UniProt ID [P35711](#)

SDS-PAGE



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