

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

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

SPECIFICATION

Product Overview	SOX5 MS Standard C13 and N15-labeled recombinant protein (NP_008871) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	83.8 kDa
AA Sequence	MLTDPDLPQEFERMSSSKRPASPYGEADGEVAMVTSRQKVVEEESDGLPAFHLPLH VSFPNKPHEEFQPVSLLTQETCGHRTPTSQHNTMEVDGNKVMSSFAPHNSSTSP QKAEEGGRQSGESLSSTALGTPERRKGS LADVVDTLKQRKMEELIKNEPEETPSIEK LLSKDWKDKLLAMGSGNFGEIKGTPESLAEKERQLMGMINQLTSLREQLLAHDEQ KKLAASQIEKQRQQMELAKQQQE QIARQQQQLLQQQH KINLLQQQIQVQGQLPPLM IPVFPPDQRTLAAAAQQGFLLPPGFSYKAGCSDPYPVQLIPTTMAAAAAATPGLGPL

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QLQQLYAAQLAAMQVSPGGKLPGIPQGNLGAAVSPTSIIHTDKSTNSPPPKSKDEVA
 QPLNLSAKPKTSDGKSPTSPTSPHMPALRINSGAGPLKASVPAALASPSARVSTIGY
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 AED 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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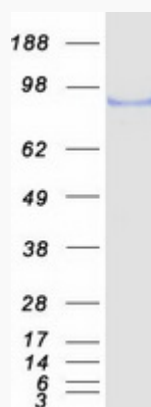
mRNA Refseq [NM_006940](#)

Protein Refseq [NP_008871](#)

MIM [604975](#)

UniProt ID [P35711](#)

SDS-PAGE



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