

## Recombinant Human SOX5 Protein, DDK-tagged

Cat. No. SOX5-107H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SOX5, transcript variant 1, fused with DDK tag at C-terminal was expressed in Sf9 cells.
<b>Species</b>	Human
<b>Source</b>	Sf9 Cells
<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>Form</b>	50mM Tris-HCl, pH8.0, 100mM glycine, 10% glycerol. Store at -80 centigrade. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.
<b>Molecular Mass</b>	84 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

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**GENE INFORMATION**

<b>Gene Name</b>	SOX5 SRY (sex determining region Y)-box 5 [ Homo sapiens ]
<b>Official Symbol</b>	SOX5
<b>Synonyms</b>	SOX5; SRY (sex determining region Y)-box 5; transcription factor SOX-5; L SOX5; MGC35153; L-SOX5;
<b>Gene ID</b>	6660
<b>mRNA Refseq</b>	NM_006940
<b>Protein Refseq</b>	NP_008871
<b>MIM</b>	604975
<b>UniProt ID</b>	P35711

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