

Recombinant Human SOX5 protein, T7/His-tagged

Cat. No. SOX5-143H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human Sox5 (762aa, Isoforms-a, derived from BC060773) fused with T7-His-TEV cleavage site Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	762 a.a.
Form	1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.
AA Sequence	<p>MASMTGGQQMGRGRGHHHHHHENLYFQGGFSSKRPASPYGEADGEVAMVTSRQKV EEEESDGLPAFHLPLHVSFPNK PHSEEFQPVSLLTQETCGHRTPTSQHNTMEVDG NKVMSSFAPHNSSTSPQKAEEGGRQSGESLSSTALGTPERRK GSLADVDTLKQR KMEELIKNEPEETPSIEKLLSKDWKDKLLAMGSGNFGEIKGTPESLAEKERQLMGMI NQLTS LREQLLAHDEQKKLAASQIEKQRQQMELAKQQQEIQARQQQQLLQQQHK INLLQQQIQVQGQLPPLMIPVFPPD QRTLAAAAQQGFLLPPGFSYKAGCSDPYPVQL IPTTMAAAAAATPGLGPLQLQLLYAAQLAAMQVSPGGKLPGIP QGNLGA AVSPTS IH TDKSTNSPPPKSKEKTTLESLTQQLAVKQNEEGKFSHAMMDFNLSGDSGDSAGVS ESRIYR ESRGRGSNEPHIKRPMNAFMVWAKDERRKILQAFPDMHNSNISKILGSRW KAMTNLEKQPYEEQARLSKQHLEK YPDYKYKPRPKRTCLVDGKCLRIGEYKAIMR NRRQEMRQYFNVGQQAQIPIATAGVVYPGAIAMAGMPSPLPSE HSSVSSSPEPG MPVIQSTYGVKGEEPHIKEEIQAEINGEYDEYDEEEDDPD VDYGSDSENHIAGQA</p>

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N

Purity >90% by SDS-PAGE

Storage Keep at -80 centigrade for long term storage. Product is stable at 4 centigrade for at least 7 days.

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; L-SOX5;

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

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