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	MASMTGGQQMGRGHHHHHHENLYFQGGFSSKRPASPYGEADGEVAMVTSRQKV EEEESDGLPAFHLPLHVSFPNK PHSEEFQPVSLLTQETCGHRTPTSQHNTMEVDG NKVMSSFAPHNSSTSPQKAEEGGRQSGESLSSTALGTPERRK GSLADVVDTLKQR KMEELIKNEPEETPSIEKLLSKDWKDKLLAMGSGNFGEIKGTPESLAEKERQLMGMI NQLTS LREQLLAAHDEQKKLAASQIEKQRQQMELAKQQQEQIARQQQQLLQQQHK INLLQQQIQVQGQLPPLMIPVFPPD QRTLAAAAQQGFLLPPGFSYKAGCSDPYPVQL IPTTMAAAAAATPGLGPLQLQQLYAAQLAAMQVSPGGKLPGIP QGNLGAAVSPTSIH TDKSTNSPPPKSKEKTTLESLTQQLAVKQNEEGKFSHAMMDFNLSGDSDGSAGVS ESRIYR ESRGRGSNEPHIKRPMNAFMVWAKDERRKILQAFPDMHNSNISKILGSRW KAMTNLEKQPYYEEQARLSKQHLEK YPDYKYKPRPKRTCLVDGKKLRIGEYKAIMR NRRQEMRQYFNVGQQAQIPIATAGVVYPGAIAMAGMPSPHLPSE HSSVSSSPEPG MPVIQSTYGVKGEEPHIKEEIQAEDINGEIYDEYDEEEDDPDVDYGSDSENHIAGQA

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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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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