

Product datasheet for **TP324228**

SOX5 (NM_006940) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human SRY (sex determining region Y)-box 5 (SOX5), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC224228 representing NM_006940
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MLTDPDLPQEFERMSSKRPASPYGEADGEVAMVTSRQKVEEESDGLPAFHLPLHVSFPNKPHEEFQPV
SLLTQETCGHRTPTSQHNTMEVDGNKVMSSFAPHNSSTSPQKAEEGGRQSGESLSSTALGTPERRKGS
LA DVVDTLKQRKMEELIKNEPEETPSIEKLLSKDWKDKLLAMGSGNFGEIKGTPESLAEKERQLMGMINQLT
SLREQLLAHDEQKLAASQIEKQRQQMELAKQQQEIQARQQQQLLQQQHINLLQQQIQVQGQLPPLMI
PVFPPDQRTLAAAQGGFLLPPGFSYKAGCSDPYPVQLIPTTMAAAAATPGLGPLQLQQLYAAQLAAMQ
VSPGGKLPGIPQGNLGAAVSPTSIHTDKSTNSPPPCKSDEVAQPLNLSAKPKTSDGKSPTSPTSPHMPAL
RINSAGPLKASVPAALASPSARVSTIGYLNDHDAVTKAIQEARQMKEQLRREQQVLDGKVVAVNSLGLN
NCRTEKEKTTLESLTQQLAVKQNEEGKFSHAMMDFNLSDGSDGAGVSESRIYRESRGRGSNEPHIKRPM
NAFMVWAKDERRKILQAFPMHNSNISKILGSRWKAMTNLEKQPYEEQARLSKQHLEKYPDYKYKPRPK
RTCLVDGKKLRIGEYKAIMRNRQEMRQYFNVGQQAQIPIATAGVVYPGAIAMAGMPSPHLPSEHSSVSS
SPEPGMPVIQSTYGVKGEEPHIKEEIQAEINGEYDEYDEEEDDPDVEDYGSSENHIAGQAN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

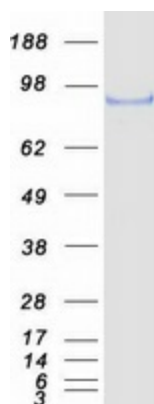
Tag:	C-Myc/DDK
Predicted MW:	83.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_008871
Locus ID:	6660
UniProt ID:	P35711 , A0A024RB06
RefSeq Size:	4333
Cytogenetics:	12p12.1
RefSeq ORF:	2289
Synonyms:	L-SOX5; L-SOX5B; L-SOX5F; LAMSHF
Summary:	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. [provided by RefSeq, Jul 2008]
Protein Families:	Transcription Factors

Product images:



Coomassie blue staining of purified SOX5 protein (Cat# TP324228). The protein was produced from HEK293T cells transfected with SOX5 cDNA clone (Cat# [RC224228]) using MegaTran 2.0 (Cat# [TT210002]).