

## Product datasheet for **TP324228L**

### 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, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC224228 representing NM_006940
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MLTDPDLPQEFERMSSKRPASPYGEADGEVAMVTSRQKVEEESDGLPAFHLPLHVSFPNKPHEEFQPV  
SLLTQETCGHRTPTSQHNTMEVDGNKVMSSFAPHNSSTSPQKAEEGGRQSGESLSSTALGTPERRKGLA  
DVVDTLKQRKMEELIKNEPEETPSIEKLLSKDWKDKLLAMGSGNFGEIKGTPESLAEKERQLMGMINQLT  
SLREQLLAHDEQKLAASQIEKQRQQMELAKQQQEIQARQQQQLLQQQHINLLQQQIQVQGQLPPLMI  
PVFPPDQRTLAAAQQGFLPPGFSYKAGCSDPYPVQLIPTTMAAAAATPGLGPLQLQQLYAAQLAAMQ  
VSPGGKLPQIPQGNLGAAVSPTSHTDKSTNSPPPQSKDEVAQPLNLSAKPKTSDGKSPTSPTSPHMPAL  
RINSAGPLKASVPAALASPSARVSTIGYLNDHDAVTKAIQEARQMKEQLRREQQVLDGKVVAVNSLGLN  
NCRTEKEKTTLESQTQQLAVKQNEEGKFSHAMMDFNLSDGSDGAGVSESRIRYRESRGRGSNEPHIKRPM  
NAFMVWAKDERRKILQAFPMHNSNISKILGSRWKAMTNLEKQPYEEQARLSKQHLEKYPDYKYKPRPK  
RTCLVDGKKLRIGEYKAIMRNRQEMRQYFNVGQQAQIPIATAGVVYPGAIAMAGMPSPHLPSEHSSVSS  
SPEPGMPVIQSTYGVKGEEPHIKEEIQAEINGEYDEYDEEEDDPDQVDYGSSENHIAGQAN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

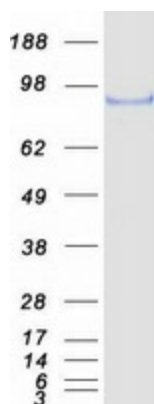
Tag:	C-Myc/DDK
Predicted MW:	83.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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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<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_008871</a>
<b>Locus ID:</b>	6660
<b>UniProt ID:</b>	<a href="#">P35711</a> , <a href="#">A0A024RB06</a>
<b>RefSeq Size:</b>	4333
<b>Cytogenetics:</b>	12p12.1
<b>RefSeq ORF:</b>	2289
<b>Synonyms:</b>	L-SOX5; L-SOX5B; L-SOX5F; LAMSHF
<b>Summary:</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. [provided by RefSeq, Jul 2008]
<b>Protein Families:</b>	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]).