

## Product datasheet for TP525690

### Sox5 (NM\_011444) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse SRY (sex determining region Y)-box 5 (Sox5), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR225690 representing NM_011444
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MLTDPDLPQEFERMSSKRPASPYGETDGEVAMVTSRQKVEEEEEERLPAFHLPLHVSFPNKPHEEFQPV  
SLLTQETCGPRTPTVQHNTMEVDGKNKVMSSLAPYNSSTSPQKAEEGGRQSGESVSSAALGTPERRKGLA  
DVVDTLKQRKMEELIKNEPEDTPSIEKLLSKDWKDKLLAMGSGNFGEIKGTPESLAEKERQLMGMINQLT  
SLREQLLAHDEQKLAASQIEKQRQQMELAKQQQEIQARQQQQLLQQQHINLLQQQIQVQGQLPLPMI  
PVFPPDQRTLAAAQQGFLPPGFSYKAGCSDPYPVQLIPTTMAAAAAATPGLGPLLQQFYAAQLAAMQ  
VSPGGKLLGLPQGNLGAAVSPTSHTDKSTNSPPPKSDEVAQPLNLSAKPKTSDGKSPASPTSPHMPAL  
RINSAGPLKASVPAALASPSARVSTIGYLNDHDAVTKAIQEARQMKEQLRREQQALDGKVVAVNSIGLS  
NCRTEKEKTTLESLTQQLAVKQNEEGKFSHGMMDFNMSGSDSDGSAGVSESRIRYRESRGRGNSNEPHIKRPM  
NAFMVWAKDERRKILQAFPMHNSNISKILGSRWKAMTNLEKQPYEEQARLSKQHLEKYPDYKYKPRPK  
RTCLVDGKKLRIGEYKAIMRNRQEMRQYFNVGQQAQIPIATAGVVYPSAIAMAGMPSHLPSEHSSVSS  
SPEPGMPVIQSTYGAKGEEPHIKEEIQAEINGEIEYDEEEEDPDVDYGSSENHIAGQAN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	84.5 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
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.



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<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_035574</a>
<b>Locus ID:</b>	20678
<b>UniProt ID:</b>	<a href="#">Q2TBA9</a> , <a href="#">B2KFM9</a> , <a href="#">Q8C4K8</a>
<b>RefSeq Size:</b>	2917
<b>Cytogenetics:</b>	6 76.14 cM
<b>RefSeq ORF:</b>	2289
<b>Synonyms:</b>	A730017D01Rik; AI528773
<b>Summary:</b>	Binds specifically to the DNA sequence 5'-AACAAAT-3'. Activates transcription of COL2A1 and AGC1 in vitro.[UniProtKB/Swiss-Prot Function]