

Product datasheet for **TP527031**

Sox9 (NM_011448) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse SRY (sex determining region Y)-box 9 (Sox9), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR227031 representing NM_011448
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MNLLDPFMKMTDEQEKGLSGAPSPTMSEDSAGSPCPSGSGSDTENTRPQENTFPKGEPLKKSEEDKFP
VCIREAVSQVLKGYDWTLPMPVVRVNGSSKNKPHVKRPMNAFMVWAQAARRKLADQYPHLHNAELSKTLG
KLWRLNESEKRPFVEEAERLRVQHKKDHPDYKYQPRRRKSVKNGQAEAEATEQTHISPNAIFKALQAD
SPHSSSGMSEVHSPGEHSGQSQGPPPTTPKTDVQAGKVDLKRGRPLAEGGRQPPIDFRDVIDIGELSS
DVISNIETFDVNEFDQYLPPNGHPGVPATHGQVTYTGSGISSTAPTATAGHWMSKQQAPPPPPQPP
QAPQAPQAPPQQAPPQQAPQQQAHTLTLSSEPGQSQRTHIKTEQLSPSHYSEQQHQHSPQQISYSP
FNLPHYSPSYPPITRSQYDYADHQNSGSYSHAAGQGSGLYSTFTYMNPAQRPMYTPADTSGVPSIPQT
HSPQHWEQPVYTQLTRP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	56.5 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.
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_035578



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Locus ID:	20682
UniProt ID:	Q04887
RefSeq Size:	4146
Cytogenetics:	11 77.27 cM
RefSeq ORF:	1521
Synonyms:	2010306G03Rik; AV220920; mKIAA4243
Summary:	Transcriptional regulator that plays a role in chondrocytes differentiation and skeletal development (PubMed:20940257, PubMed:28263186). Binds to the COL2A1 promoter and activates COL2A1 expression, as part of a complex with ZNF219 (PubMed:20940257). [UniProtKB/Swiss-Prot Function]