

Product datasheet for **TP523510**

Sox21 (NM_177753) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse SRY (sex determining region Y)-box 21 (Sox21), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR223510 representing NM_177753 Red =Cloning site Green =Tags(s) MSKPVDHVKRPMNAFMVWSRAQRRKMAQENPKMHNSEISKRLGAEWKLLTESEKRPFIDEAKRLRAMHMK EHPDYKYRPRRKPKTLLKKDKFAFPVPYGLGSVADAEHPALKAGAGLHAGAGGGLVPESLLANPEKAAAA AAAAAARVFFPQSAAAAAAAAAAAAAGSPYSLLDLGSKMAEISSSSGLPYASSLGYPTAGAGAFHGAAA AAAAAAAAGGHTHSHPSPGNPGYMIPCNCSAWPSPLQPPPLAYILLPGMGKPQLDPYPAAYAAAL SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	29.1 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_808421
Locus ID:	223227
UniProt ID:	Q811W0
RefSeq Size:	3798



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Cytogenetics: 14 E4

RefSeq ORF: 828

Synonyms: Sox25

Summary: May play a role as an activator of transcription of OPRM1. Overexpression of SOX21 can up-regulate the OPRM1 distal promoter activity in mor-expressing neuronal cells.[UniProtKB/Swiss-Prot Function]