

## Product datasheet for **TP523739**

### Sox1 (NM\_009233) Mouse Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Purified recombinant protein of Mouse SRY (sex determining region Y)-box 1 (Sox1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

**Species:** Mouse

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >MR223739 representing NM\_009233

Red=Cloning site Green=Tags(s)

MYSMMMETDLHSPGGAQAPTNLSGPAGAGGGGGGGGGGGGGGGTGANQDRVKRP MNAFMVWSRGQRRKMA  
QENPKMHNSEISKRLGAEWKVMSEAEKRPFIDEAKRLRALHMKEHPDYKYRPRRKTLLKKDKYSLAGG  
LLAAGAGGGGAAVAMGVGVGVGAAAVGQRLESPGGAAGGGYAHVNGWANGAYPGSVAAAAAAMMMEAQ  
LAYGQHPGAGGAHPAHPAHPHPHPAHPHPNPQPMHRYDMGALQYSPISNSQGYMSASPSGGYGGIPYGA  
AAAAAAAGGAHQNSAVAAAAAASSGALGALGSLVKSEPSGSPAPAHSRAPCPGDLREMISMYP  
GEGGDPAAAAAAQSRHLSPQHYQGAGAGVNGTVPLTHI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Tag:** C-MYC/DDK

**Predicted MW:** 39.5 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\\_033259](#)

**Locus ID:** 20664



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UniProt ID: [P53783](#)

RefSeq Size: 4037

Cytogenetics: 8 5.73 cM

RefSeq ORF: 1173

Synonyms: BB176347; Sox-1

**Summary:** Transcriptional activator. May function as a switch in neuronal development. Keeps neural cells undifferentiated by counteracting the activity of proneural proteins and suppresses neuronal differentiation (By similarity).[UniProtKB/Swiss-Prot Function]