

Recombinant Mouse Sox10 Protein, Myc/DDK-tagged

Cat. No. Sox10-6049M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length SRY-box containing gene 10 (cDNA clone MGC:18351 IMAGE:3675437), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Transcription factor that plays a central role in developing and mature glia). Specifically activates expression of myelin genes, during oligodendrocyte (OL) maturation, such as DUSP15 and MYRF, thereby playing a central role in oligodendrocyte maturation and CNS myelination. Once induced, MYRF cooperates with SOX10 to implement the myelination program. Transcriptional activator of MITF, acting synergistically with PAX3. Transcriptional activator of MBP, via binding to the gene promoter.
Molecular Mass	49.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

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Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Sox10 SRY (sex determining region Y)-box 10 [Mus musculus (house mouse)]

Official Symbol Sox10

Synonyms Sox10; SRY (sex determining region Y)-box 10; gt; Dom; Sox; Sox21; transcription factor SOX-10; SRY-box containing gene 10; dominant megacolon; transcription factor SOX-M

Gene ID 20665

mRNA Refseq NM_011437

Protein Refseq NP_035567

UniProt ID Q04888

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