Recombinant Mouse Sox1 Protein, Myc/DDK-tagged

Cat. No. Sox1-6048M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length SRY (sex determining region Y)-box 1 (Sox1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	39.5 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.
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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	Sox1 SRY (sex determining region Y)-box 1 [Mus musculus (house mouse)]
Official Symbol	Sox1
Synonyms	SOX1; SRY-box containing gene 1; transcription factor SOX-1; Sox-1; BB176347
Gene ID	20664
mRNA Refseq	NM_009233
Protein Refseq	NP_033259
UniProt ID	P53783

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