

Recombinant Mouse Sox17 Protein, Myc/DDK-tagged

Cat. No. Sox17-6052M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length SRY (sex determining region Y)-box 17 (Sox17), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a member of the Sox (Sry-related high mobility group box) family of transcription factors involved in the regulation of embryonic development. The encoded protein plays a role in the determination of cell fate and in maintaining cell identity. This gene regulates tumor angiogenesis and tumor progression. Mutations in the human gene are associated with vesicoureteral reflux, characterized by the backward flow of urine from the bladder into the ureters or the kidney. Alternative splicing results in multiple transcript variants.
Molecular Mass	45.1 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

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

GENE INFORMATION

Gene Name	Sox17 SRY (sex determining region Y)-box 17 [Mus musculus (house mouse)]
Official Symbol	Sox17
Synonyms	Sox17; SRY (sex determining region Y)-box 17; transcription factor SOX-17; SRY-box containing gene 17
Gene ID	20671
mRNA Refseq	NM_011441
Protein Refseq	NP_035571
UniProt ID	Q61473

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