

Recombinant Mouse Sox21 Protein, Myc/DDK-tagged

Cat. No. Sox21-6055M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length SRY (sex determining region Y)-box 21 (Sox21), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	29.1 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
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Sox21 SRY (sex determining region Y)-box 21 [Mus musculus (house mouse)]
Official Symbol	Sox21
Synonyms	SOX21; SRY-box containing gene 21; transcription factor SOX-21; HMG-box protein SOX21; DNA-binding protein SOX21; Sox25
Gene ID	223227
mRNA Refseq	NM_177753
Protein Refseq	NP_808421
UniProt ID	Q811W0

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