Recombinant Rat Sox6 Protein, His-tagged

Cat. No. Sox6-2090R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Sox6 Protein (Met1-Pro266) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Met1-Pro266
Description	Enables cis-regulatory region sequence-specific DNA binding activity. Involved in astrocyte differentiation. Predicted to be located in nucleoplasm. Predicted to be active in nucleus. Human ortholog(s) of this gene implicated in high grade glioma. Orthologous to human SOX6 (SRY-box transcription factor 6).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 34.2 kDa Accurate Molecular Mass: 38 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

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	48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Sox6 SRY (sex determining region Y)-box 6 [Rattus norvegicus (Norway rat)]
Official Symbol	Sox6
Synonyms	SOX6; SRY (sex determining region Y)-box 6; transcription factor SOX-6; SRY-box containing gene 6;
Gene ID	293165
mRNA Refseq	NM_001024751
Protein Refseq	NP_001019922
UniProt ID	Q4V8G3

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