

Recombinant Human SOX11 Protein, His&GST-tagged

Cat. No. SOX11-2089H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SOX11 Protein (Met1-Glu224) with N-His&GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Glu224
Description	This intronless gene encodes a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of the cell fate. The encoded protein may act as a transcriptional regulator after forming a protein complex with other proteins. The protein may function in the developing nervous system and play a role in tumorigenesis.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 53.7 kDa Accurate Molecular Mass: 54 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

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 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

SOX11 SRY (sex determining region Y)-box 11 [Homo sapiens (human)]

Official Symbol

SOX11

Synonyms

SOX11; SRY (sex determining region Y)-box 11; transcription factor SOX-11; SRY related HMG box gene 11; SRY-related HMG-box gene 11; SRY (sex-determining region Y)-box 11;

Gene ID

6664

mRNA Refseq

NM_003108

Protein Refseq

NP_003099

MIM

600898

UniProt ID

P35716

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