

Recombinant Human SOX7 Protein, His-tagged

Cat. No. SOX7-2722H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SOX7 Protein (Gln217-Ser388) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gln217-Ser388
Description	This 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 play a role in tumorigenesis. A similar protein in mice is involved in the regulation of the wingless-type MMTV integration site family (Wnt) pathway.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 22 kDa Accurate Molecular Mass: 25 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%

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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 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	SOX7 SRY (sex determining region Y)-box 7 [Homo sapiens (human)]
Official Symbol	SOX7
Synonyms	SOX7; SRY (sex determining region Y)-box 7; transcription factor SOX-7; SOX7 transcription factor; MGC10895;
Gene ID	83595
mRNA Refseq	NM_031439
Protein Refseq	NP_113627
MIM	612202

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UniProt ID

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