

Recombinant Human SOX14 Protein, His-tagged

Cat. No. SOX14-2719H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SOX14 Protein (Met1-Met240) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Met240
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. Mutations in this gene are suggested to be responsible for the limb defects associated with blepharophimosis, ptosis, epicanthus inversus syndrome (BPES) and Mobius syndrome.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 30.2 kDa Accurate Molecular Mass: 33 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	SOX14 SRY (sex determining region Y)-box 14 [Homo sapiens (human)]
Official Symbol	SOX14
Synonyms	SOX14; SRY (sex determining region Y)-box 14; transcription factor SOX-14; HMG box transcription factor SOX 14; SOX28; SRY box 14; SRY-box 14; HMG box transcription factor SOX-14; MGC119898; MGC119899;
Gene ID	8403
mRNA Refseq	NM_004189
Protein Refseq	NP_004180
MIM	604747

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UniProt ID

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